

[File 2] **INSPEC** 1898-2007/May W1  
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[File 6] **NTIS** 1964-2007/May W3  
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[File 8] **Ei Compendex(R)** 1884-2007/May W1  
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[File 34] **SciSearch(R) Cited Ref Sci** 1990-2007/May W3  
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[File 35] **Dissertation Abs Online** 1861-2007/Apr  
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[File 56] **Computer and Information Systems Abstracts** 1966-2007/May  
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[File 57] **Electronics & Communications Abstracts** 1966-2007/May  
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[File 65] **Inside Conferences** 1993-2007/May 17  
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[File 95] **TEME-Technology & Management** 1989-2007/May W2  
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[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2007/Apr  
(c) 2007 The HW Wilson Co. All rights reserved.

[File 144] **Pascal** 1973-2007/Apr W5  
(c) 2007 INIST/CNRS. All rights reserved.

[File 239] **Mathsci** 1940-2007/Jun  
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[File 256] **TecInfoSource** 82-2007/Jun  
(c) 2007 Info.Sources Inc. All rights reserved.

[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec  
(c) 2006 The Thomson Corp. All rights reserved.

[File 583] **Gale Group Globalbase(TM)** 1986-2002/Dec 13  
(c) 2002 The Gale Group. All rights reserved.  
*\*File 583: This file is no longer updating as of 12-13-2002.*

[File 603] **Newspaper Abstracts** 1984-1988  
(c)2001 ProQuest Info&Learning. All rights reserved.  
*\*File 603: This is a closed file.*

[File 483] **Newspaper Abs Daily** 1986-2007/May 17  
(c) 2007 ProQuest Info&Learning. All rights reserved.

[File 248] **PIRA** 1975-2007/Apr W4  
(c) 2007 Pira International. All rights reserved.

Set	Items	Description
S1	12589326	S (GENRE? OR SHOW?? OR PROGRAM? OR CHANNEL?? OR (FREQUENCY OR TUNE OR TUNING) () (EVENT?? OR PROGRAM??) OR EPG OR APG OR BROADCAST OR SURF??? OR VIEWER??()HABIT??)
S2	187784	S (SAVE OR FAVORITE?? OR PREFER? OR FREQUEN? OR MOST()WATCH??? OR MARK??? OR TABLE OR MENU OR LIST???) (3N)S1
S3	25650	S (COUNT??? OR STAT?? OR STATISTICS OR RANK??? OR SCORE?? OR SCORING OR WEIGHT??? OR VALUE?? OR VALUING OR SELECT??? OR TABULAT??? OR

COMPUTE OR DETERMINE??? OR CALCULAT??? OR ESTIMAT??? OR APPROXIMAT??? OR  
COLLECT??? OR PERCENT???) (3N) S2

S4 65 S (AUTO OR AUTOMATIC OR AUTOMATICALLY OR CONCURRENT???) (3N) S3

S5 1383 S (MAX OR MAXIMUM OR PEAK OR LARGEST OR HIGHEST OR HIGH OR  
LOW??? OR TREND?? OR THRESHOLD?? OR (PREDETERMINE?? OR SET) ( ) AMOUNT??) (3N) (S3  
OR S4)

S6 12 S (REDUC??? OR RESET??? OR DIVID??? OR HALF OR REORDER OR  
RENUMBER OR CHANG??? OR ROLLOVER?? OR ROLL() OVER??) (3N) S5

S7 50 S (COMPARE?? OR COMPARISON?? OR RELATIVE OR COMPARATIVE OR  
RELAT??? OR RELATIONSHIP OR ASSOCIAT??? OR CORRESPOND??? OR CORRELAT??? OR  
RATIO??) (3N) (S4 OR S5)

S8 11160 S AU=(CANDELORE, B? OR CANDELORE B? OR GUO, Z? OR GUO Z?)

S9 446 S (PREVENT??? OR AVOID??? OR STOP? OR CONTROL?? OR CONTROLLING  
OR MANAG?) (3N) (ROLLOVER?? OR ROLL() OVER??)

S10 32 RD S7 (unique items)

S11 15 S S10 NOT PY>2000

S12 0 S S11 AND S9

S13 1 S S11 NOT (VICINAL OR PHONONS OR SURFACES OR VITAL OR ANTENNAS  
OR SEISMIC OR PARTICLES OR ATTITUDE OR UNIVERSITY OR PARABOLIC OR THEORY OR  
WAVES)

S14 0 S S9 AND S6

S15 0 S S9 AND S5

S16 0 S S9 AND S4

S17 0 S S9 AND S3

S18 1 S S9 AND S2

S19 1 S S18 NOT S13

S20 0 S S19 NOT FORD

S21 33 S S4 AND (MAX OR MAXIMUM OR PEAK OR LARGEST OR HIGHEST OR HIGH  
OR LOW??? OR TREND?? OR THRESHOLD?? OR (PREDETERMINE?? OR SET) ( ) AMOUNT??)

S22 27 RD (unique items)

S23 17 S S22 NOT PY>2000

S24 2 S S23 AND (MEMORY OR REGISTER?? OR RAM)

S25 0 S S24 NOT (AUTO? OR 4)

S26 0 S S23 AND S8

S27 7 RD S6 (unique items)

S28 1 S S27 NOT PY>2000

S29 0 S S28 NOT FADING

S30 1 S S3 AND S8

S31 0 S S30 NOT LASER

13/3,K/1 (Item 1 from file: 144) [Links](#)

Pascal

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15649580 PASCAL No.: 02-0355114

Statistical properties of the parameter estimates for a high-frequency  
communications channel

KORENNOI A V; SHELKOVNIKOV M A

Journal: Radio and communications technology,  
2000, 5 (5)  
30-36

Language: English

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English Descriptors: System identification; Transmission **channel**;  
Stochastic system; **High frequency**; Parameter  
**estimation**; Statistical analysis; **Correlation** function

[File 344] Chinese Patents Abs Jan 1985-2006/Jan  
(c) 2006 European Patent Office. All rights reserved.

[File 347] JAPIO Dec 1976-2006/Dec(Updated 070403)  
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[File 350] Derwent WPIX 1963-2007/UD=200730  
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*\*File 350: DWPI has been enhanced to extend content and functionality of the database. For more info, visit  
<http://www.dialog.com/dwpi/>.*

[File 371] French Patents 1961-2002/BOPI 200209  
(c) 2002 INPI. All rts. reserv. All rights reserved.  
*\*File 371: This file is not currently updating. The last update is 200209.*

Set	Items	Description
S1	8994131	S (SHOW?? OR PROGRAM? OR CHANNEL?? OR (FREQUENCY OR TUNE OR TUNING) () (EVENT?? OR PROGRAM??) OR EPG OR APG OR BROADCAST OR SURF??? OR VIEWER?? () HABIT??)
S2	314613	S (SAVE OR FAVORITE?? OR PREFER? OR FREQUEN? OR MOST()WATCH??? OR MARK??? OR TABLE OR MENU OR LIST???) (10N)S1
S3	39381	S (COUNT??? OR STAT?? OR STATISTICS OR RANK??? OR SCORE?? OR SCORING OR WEIGHT??? OR VALUE?? OR VALUING OR SELECT??? OR TABULAT??? OR COMPUTE OR DETERMINE??? OR CALCULAT??? OR ESTIMAT??? OR APPROXIMAT??? OR COLLECT??? OR PERCENT???) (10N)S2
S4	1141	S (AUTO OR AUTOMATIC OR AUTOMATICALLY OR CONCURRENT???) (10N)S3
S5	3338	S (MAX OR MAXIMUM OR PEAK OR LARGEST OR HIGHEST OR HIGH OR LOW??? OR TREND?? OR THRESHOLD?? OR (PREDETERMINE?? OR SET) ()AMOUNT??) (5N) (S3 OR S4)
S6	253	S (REDUC??? OR RESET??? OR DIVID??? OR HALF OR REORDER OR RENUMBER OR CHANG??? OR ROLLOVER?? OR ROLL()OVER??) (5N)S5
S7	518	S (COMPARE?? OR COMPARISON?? OR RELATIVE OR COMPARATIVE OR RELAT??? OR RELATIONSHIP OR ASSOCIAT??? OR CORRESPOND??? OR CORRELAT??? OR RATIO??) (5N) (S4 OR S5)
S8	1316	S AU=(CANDELORE, B? OR CANDELORE B? OR GUO, Z? OR GUO Z?)
S9	456	S (PREVENT??? OR AVOID??? OR STOP? OR CONTROL?? OR CONTROLLING OR MANAG?) (3N) (ROLLOVER?? OR ROLL()OVER??)
S10	0	S S7 AND S9
S11	0	S S6 AND S9
S12	0	S S5 AND S9
S13	0	S S4 AND S9
S14	1	S S3 AND S9
S15	0	S S14 NOT ANTI()LOCK
S16	4	S S9 AND S2
S17	3	S S16 NOT S14
S18	1	S S17 NOT (TIRE OR TABLE)
S19	30	S S6(3N) (COMPARE?? OR COMPARISON?? OR RELATIVE OR COMPARATIVE OR RELAT??? OR RELATIONSHIP OR ASSOCIAT??? OR CORRESPOND??? OR CORRELAT??? OR RATIO??)
S20	0	S S19 AND S9
S21	0	S S19 AND (ROLLOVER?? OR ROLL()OVER??)
S22	3	S S19 AND IC=H04N?
S23	1	S S22 NOT (ENDOSCOPE OR PLASMA)
S24	54	S S9 AND (IC=H04N? OR IC=G06F?)
S25	9	S S24 NOT AD=20001204:20070516/PR
S26	4	S S25 NOT VEHICLE
S27	3	S S26 NOT CLUTCH
S28	1	S (S6 OR S7 OR S9) AND S8
S29	1	S S28 NOT (S23 OR S18)
S30	17	S S9 AND COUNTER??
S31	0	S S30 AND PERCENT?

S32 0 S S30 AND IC=H04N?  
 S33 2 S S30 NOT (VEHICLE OR CLUTCH OR ROTATION OR RESISTIVE OR FORCE  
 OR SHOCK OR SHEET)  
 S34 0 S S24 AND S8

33/3,K/1 (Item 1 from file: 350) [Links](#)

Derwent WPIX

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0015787251 *Drawing available*

WPI Acc no: 2004-675092/200466

Related WPI Acc No: 2003-028919

XRPX Acc No: N2004-534921

**Accumulator for use in half-duplex communication, has one multiplexer coupled to logic preventing roll-over when predetermined count is incremented past roll-over boundary, and another multiplexer preventing roll-under**

Patent Assignee: DOWNEY H (DOWN-I); FONG J M (FONG-I); HARROW S E (HARR-I)

Inventor: DOWNEY H; FONG J M; HARROW S E

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20040174987	A1	20040909	US 2001803551	A	20010309	200466	B
			US 2004804010	A	20040319		

Priority Applications (no., kind, date): US 2001803551 A 20010309; US 2004804010 A 20040319

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20040174987	A1	EN	9	5	Division of application	US 2001803551

**Accumulator for use in half-duplex communication, has one multiplexer coupled to logic preventing roll-over when predetermined count is incremented past roll-over boundary, and another multiplexer preventing roll-under**  
**Alerting Abstract** ...The accumulator (40) has a roll-over boundary less than capacity of an up-down counter. One multiplexer coupled to a logic prevents roll-over for supplying a predetermined count to the up-down counter when the count is incremented past the roll-over boundary. Another multiplexer coupled to the logic prevents roll-under when the count in the up-down counter is decremented past a roll-under boundary. ...**ADVANTAGE** - The multiplexers coupled to the logic prevents the count incremented/decremented in the counter from exceeding roll-over and roll-under boundaries, thus allowing the number to be any... **Original Publication Data by Authority...**  
**Original Abstracts:**sampled and the samples control an accumulator including an up-down counter and logic to provide adjustable thresholds. The count in the counter is compared with two other thresholds and the results of the comparisons are used to apply either variable data or fixed data to the counter. ...**Claims:**an accumulator including an up-down counter and logic for preventing roll-over, the improvement comprising:a first boundary for roll-over, wherein said boundary is less than the capacity of said up-down counter; anda first multiplexer coupled to said logic for preventing roll-over for supplying a first predetermined count to said up-down counter when the count in said counter is incremented past said first boundary.

33/3,K/2 (Item 2 from file: 350) [Links](#)

Derwent WPIX

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0013715526 *Drawing available*

WPI Acc no: 2003-813177/200376

Related WPI Acc No: 2003-313406; 2004-142420

XRPX Acc No: N2003-651137

**Network processor in computer system, forwards information segment selected based on quality of service parameter, to egress port**

Patent Assignee: BAY MICROSYSTEMS INC (BAYM-N)

Inventor: BLESZYNSKI R; CHEN S C; CHIANG T J; CHONG S S; GERSHMAN C; LEE B; LEE B T; ONO G; TRINH M D; TSONG J; YANG E K

Patent Family ( 4 patents, 101 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2003090018	A2	20031030	WO 2003US11617	A	20030414	200376	B
AU 2003226395	A1	20031103	AU 2003226395	A	20030414	200438	E
US 6996117	B2	20060207	US 2001323627	P	20010919	200611	E
			US 2002372507	P	20020414		
			US 2002382437	P	20020520		
			US 2002251946	A	20020919		
AU 2003226395	A8	20051020	AU 2003226395	A	20030414	200615	E

Priority Applications (no., kind, date): US 2001323627 P 20010919; US 2002382217 P 20020520; US 2002382437 P 20020520; US 2002372507 P 20020414; US 2002372656 P 20020414; US 2002251946 A 20020919

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2003090018	A2	EN	113	22		
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW					
Regional Designated States,Original	AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW					
AU 2003226395	A1	EN			Based on OPI patent	WO 2003090018
US 6996117	B2	EN			Related to Provisional	US 2001323627
					Related to Provisional	US 2002372507
					Related to Provisional	US 2002382437
AU 2003226395	A8	EN			Based on OPI patent	WO 2003090018

**Alerting Abstract** ... scheduling information; information segment scheduling method; hierarchical counter; hierarchical counting method; system to manage congestion of ports; congestion of ports management method; input/output unit; method for configuring input/output port... Original Publication Data by Authority...**Original Abstracts:** policy control functions such as network traffic policing, buffer allocation and management, protocol modification, timer rollover recovery, an aging mechanism to discard idle flows, and segmentation and reassembly of incoming information elements...

18/3,K/1 (Item 1 from file: 347) [Links](#)

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08285544 \*\*Image available\*\*

**METHOD AND SYSTEM FOR PROCESSING DATA PACKETS USING MARKERS, AND LOGIC PROGRAM**

**Pub. No.:** 2005-033804 [JP 2005033804 A]

**Published:** February 03, 2005 (20050203)

**Inventor:** SCOTT KYL W

RAY SAIKAT

ZHOU XUNXIANG

**Applicant:** FUJITSU LTD

**Application No.:** 2004-201582 [JP 2004201582]

Filed: July 08, 2004 (20040708)  
Priority: 03 616130 [US 2003616130], US (United States of America), July 09, 2003 (20030709)  
**METHOD AND SYSTEM FOR PROCESSING DATA PACKETS USING MARKERS, AND LOGIC PROGRAM**

**ABSTRACT**

**PROBLEM TO BE SOLVED:** To provide a data processing method for avoiding aliasing or roll-over caused by conventional time-stamping while taking into account an increase in bands for use...

23/3,K/1 (Item 1 from file: 347) [Links](#)

JAPIO

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04702705 \*\*Image available\*\*

**TELEVISION RECEIVER AND REMOTE CONTROL DEVICE**

Pub. No.: 07-023305 [JP 7023305 A ]

Published: January 24, 1995 (19950124)

Inventor: OTANI TAKASHI

KUBO TOMOKO

Applicant: SONY CORP [000218] (A Japanese Company or Corporation), JP (Japan)

Application No.: 05-183294 [JP 93183294]

Filed: June 30, 1993 (19930630)

International Class: H04N-005/44; H04N-005/00

**ABSTRACT**

...CONSTITUTION: A tuner 15 selects and receives one of **high frequency** bands **corresponding** to plural **channels**. A microcomputer 12 **resets** the **frequency selected** by the tuner 15 to the output frequency of a CATV converter 20 for selecting..

27/3,K/1 (Item 1 from file: 347) [Links](#)

JAPIO

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03466611 \*\*Image available\*\*

**N-KEY ROLL-OVER CIRCUIT**

Pub. No.: 03-129511 [JP 3129511 A ]

Published: June 03, 1991 (19910603)

Inventor: MATSUMOTO MIKIO

Applicant: ALPS ELECTRIC CO LTD [001009] (A Japanese Company or Corporation), JP (Japan)

Application No.: 01-266289 [JP 89266289]

Filed: October 16, 1989 (19891016)

Journal: Section: P, Section No. 1245, Vol. 15, No. 344, Pg. 99, August 30, 1991 (19910830)

International Class: G06F-003/02

**ABSTRACT**

...the generation of a misoutput due to the multiple keying of matrix switches can be **prevented** and N-key **roll-over** can be attained.

27/3,K/2 (Item 2 from file: 347) [Links](#)

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02354217 \*\*Image available\*\*

**KEY INPUT DEVICE**

Pub. No.: 62-271117 [JP 62271117 A ]

Published: November 25, 1987 (19871125)

Inventor: OCHIIWA MASASHI

TANAKA TAKUMI

**Applicant:** SANYO ELECTRIC CO LTD [000188] (A Japanese Company or Corporation), JP (Japan)

**Application No.:** 61-115067 [JP 86115067]

**Filed:** May 20, 1986 (19860520)

**Journal:** Section: P, Section No. 700, Vol. 12, No. 154, Pg. 120, May 12, 1988 (19880512)

**International Class:** G06F-003/02

#### ABSTRACT

...function without causing output of undesirable code even in an input device of N-key rollover type by stopping a repeat request signal when a key energized finally is released...

27/3,K/3 (Item 3 from file: 347) [Links](#)

JAPIO

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00469026 INPUT CONTROL SYSTEM

**Pub. No.:** 54-121026 [JP 54121026 A]

**Published:** September 19, 1979 (19790919)

**Inventor:** KUROKI AKIRA

NAGANO YOSHIHIRO

TSUBOI HIDEO

YAMAMOTO HIROYUKI

**Applicant:** FUJITSU LTD [000522] (A Japanese Company or Corporation), JP (Japan)

**Application No.:** 53-028462 [JP 7828462]

**Filed:** March 13, 1978 (19780313)

**Journal:** Section: E, Section No. 154, Vol. 03, No. 143, Pg. 11, November 27, 1979 (19791127)

**International Class:** G06F-003/02

#### ABSTRACT

**PURPOSE:** To secure the fault detection and the N-key rollover control by providing the means to scan the plural input keys and then to deliver the...

29/3,K/1 (Item 1 from file: 350) [Links](#)

Derwent WPIX

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0012939329 *Drawing available*

WPI Acc no: 2003-015961/200301

XRPX Acc No: N2003-011894

**Television broadcasting method involves maintaining relative statistics of items related to tuning event based on which list of favorites is automatically created**

**Patent Assignee:** CANDELORE B (CAND-I); GUO Z (GUOZ-I)

**Inventor:** CANDELORE B; GUO Z

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020104081	A1	20020801	US 2000729811	A	20001204	200301	B

Priority Applications (no., kind, date): US 2000729811 A 20001204

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20020104081	A1	EN	17	9	

**Television broadcasting method involves maintaining relative statistics of items related to tuning event based on which list of favorites is automatically created** Inventor: CANDELORE B... ..GUO Z ...relative statistics (406) of

multiple items such as channel program, actor, director, theme or category **related** to the **tuning event** are maintained. A **list of favorites** (408) are created **automatically** based on the maintained **relative statistics**. Original Publication Data by Authority Inventor name & address: Candelore, Brant... ...Guo, Zicheng ...Original Abstracts: and system are disclosed in which a tuning event is detected. Relative statistics are maintained **on one** or more items related to the tuning event. A **list of favorites** is **created** automatically **based** on the **maintained** relative statistics. By using **relative statistics**, ranking of **favorites** can be maintained efficiently within limited system resources. Furthermore, a viewer can be presented with... ...Claims: event; maintaining relative statistics on one or more items related to the tuning event; and creating automatically a list of favorites based on the maintained **relative statistics**.>



[File 348] EUROPEAN PATENTS 1978-2007/ 200718

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\*File 348: For important information about IPCR/8 and forthcoming changes to the IC= index, see [HELP NEWSIPCR](#).

[File 349] PCT FULLTEXT 1979-2007/UB=20070510UT=20070504

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\*File 349: For important information about IPCR/8 and forthcoming changes to the IC= index, see [HELP NEWSIPCR](#).

Set	Items	Description
S1	1714809	S (GENRE? OR SHOW?? OR PROGRAM? OR CHANNEL?? OR (FREQUENCY OR TUNE OR TUNING) () (EVENT?? OR PROGRAM??) OR EPG OR APG OR BROADCAST OR SURF??? OR VIEWER??()HABIT??)
S2	253321	S (SAVE OR FAVORITE?? OR PREFER? OR FREQUEN? OR MOST()WATCH??? OR MARK??? OR TABLE OR MENU OR LIST???) (3N)S1
S3	24761	S (COUNT??? OR STAT?? OR STATISTICS OR RANK??? OR SCORE?? OR SCORING OR WEIGHT??? OR VALUE?? OR VALUING OR SELECT??? OR TABULAT??? OR COMPUTE OR DETERMINE??? OR CALCULAT??? OR ESTIMAT??? OR APPROXIMAT??? OR COLLECT??? OR PERCENT???) (3N)S2
S4	191	S (AUTO OR AUTOMATIC OR AUTOMATICALLY OR CONCURRENT???) (3N)S3
S5	1085	S (MAX OR MAXIMUM OR PEAK OR LARGEST OR HIGHEST OR HIGH OR LOW??? OR TREND?? OR THRESHOLD?? OR (PREDETERMINE?? OR SET) ()AMOUNT??) (3N) (S3 OR S4)
S6	32	S (REDUC??? OR RESET??? OR DIVID??? OR HALF OR REORDER OR RENUMBER OR CHANG??? OR ROLLOVER?? OR ROLL()OVER??) (3N)S5
S7	102	S (COMPARE?? OR COMPARISON?? OR RELATIVE OR COMPARATIVE OR RELAT??? OR RELATIONSHIP OR ASSOCIAT??? OR CORRESPOND??? OR CORRELAT??? OR RATIO??) (3N) (S4 OR S5)
S8	268	S AU=(CANDELORE, B? OR CANDELORE B? OR GUO, Z? OR GUO Z?)
S9	440	S (PREVENT??? OR AVOID??? OR STOP? OR CONTROL?? OR CONTROLLING OR MANAG?) (3N) (ROLLOVER?? OR ROLL()OVER??)
S10	207797	S STB OR SET()TOP()BOX OR SETTOP()BOX OR RECEIVER?? OR INTERFACE GRAPHIC?()USER()INTERFACE?? OR GUI OR STT OR SET()TOP()TERMINAL?? OR (CATV OR SUBSCRIBER OR CABLE) (3N) (BOX OR CONVERTER)
S11	11	S S10 (3N) (S4:S7)
S12	0	S S11 AND S9
S13	2	S S11 AND (IC=H04N? OR IC=H04H?)
S14	12088	S S10 (40N) (S2 OR S3)
S15	7	S S14 AND S9
S16	7	S S15 NOT S13
S17	6	S S16 NOT AD=20001204:20070517/PR
S18	0	S (S4:S7 OR S9) AND S8
S19	12	S S14 AND S8
S20	12	S S19 AND (COMPARE?? OR COMPARISON?? OR RELATIVE OR COMPARATIVE OR RELAT??? OR RELATIONSHIP OR ASSOCIAT??? OR CORRESPOND??? OR CORRELAT??? OR RATIO??)
S21	12	S S20 NOT S17
S22	3	S S21 NOT AD=20001204:20070517/PR

13/3K/I (Item 1 from file: 349) [Links](#)

PCT FULLTEXT

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01396860

**DECODING ACCELERATION FOR MOBILE TELEVISION**  
**ACCELERATION DE DECODAGE POUR TELEVISION MOBILE**

**Patent Applicant/Patent Assignee:**

- **KONINKLIJKE PHILIPS ELECTRONICS NV**; Groenewoudseweg 1, NL-5621 BA Eindhoven  
NL; NL (Residence); NL (Nationality)  
(For all designated states except: US)

• **STUIVENWOLD Armand**; C/o Prof. Holstlaan 6, NL-5656 AA Eindhoven  
NL; NL (Residence); NL (Nationality)  
(Designated only for: US)

• **EERENBERG Onno**; C/o Prof. Holstlaan 6, NL-5656 AA Eindhoven  
NL; NL (Residence); NL (Nationality)  
(Designated only for: US)

**Patent Applicant/Inventor:**

• **STUIVENWOLD Armand**  
C/o Prof. Holstlaan 6, NL-5656 AA Eindhoven; NL; NL (Residence); NL (Nationality); (Designated only for: US)

• **EERENBERG Onno**  
C/o Prof. Holstlaan 6, NL-5656 AA Eindhoven; NL; NL (Residence); NL (Nationality); (Designated only for: US)

**Legal Representative:**

• **ELEVELD Koop J et al(agent)**  
Prof. Holstlaan 6, NL-5656 AA Eindhoven; NL;

	Country	Number	Kind	Date
Patent	WO	200677531	A1	20060727
Application	WO	20061B50165		20060117
Priorities	EP	20051004109		20050124

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;  
IS; JP; KE; KG; KM; KN; KP; KR; KZ; LC;  
LK; LR; LS; LT; LU; LV; LY; MA; MD; MG;  
MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ;  
OM; PG; PH; PL; PT; RO; RU; SC; SD; SE;  
SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT;  
TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM;  
ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IS; IT; LT; LU;  
LV; MC; NL; PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

IPC	Level	Value	Position	Status	Version	Action	Source	Office
H04N-0007/24... ..EP								
H04N-0007/26...								

Publication Language: English  
Filing Language: English  
Fulltext word count: 3410

**Detailed Description:**

...radio signal is received via a receiving antenna and supplied to a VHF/UHF (Very **High** Frequency / Ultra **High** Frequency) receiver 102 for **channel selection** to receive a desired DVB-T signal. For modulation of the DVB-T carrier, Coded...

13/3K/2 (Item 2 from file: 349) [Links](#)

PCT FULLTEXT

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00193712

**METHOD AND APPARATUS FOR BROADCAST MEDIA AUDIENCE MEASUREMENT**

**PROCEDE ET APPAREIL DE MESURE DE L'INDICE D'ECOUTE D'EMISSIONS**

**Patent Applicant/Patent Assignee:**

• **YOUNG Alan M;**

;;

• **BLATT Elliott D;**

;;

	Country	Number	Kind	Date
Patent	WO	9111062	A1	19910725
Application	WO	91US310		19910115
Priorities	US	90815		19900118

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

**Main International Patent Classes (Version 7):**

IPC	Level
<b>H04H-09:00</b>	

Publication Language: English

Filing Language:

Fulltext word count: 4995

**Detailed Description:**

...is tuned by

"listening" to the sound emanating from the units speaker,  
and while listening, **automatically determines the broadcast  
station frequency or channel** to which the **receiver** is tuned,  
As will be understood from the above, the illustrated  
preferred embodiment has the...

17/3K/1 (Item 1 from file: 348) [Links](#)

EUROPEAN PATENTS

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01313485

**Communication system with multicarrier telephony transport**

Kommunikationssystem mit Mehrtragertelefonubertagbarkeit

Systeme de communication de transmission telefonique a porteuses multiples

**Patent Assignee:**

• **ADC Telecommunications, Inc.;** (697353)

12501 Whitewater Drive; Minnetonka, MN 55343; (US)

(Applicant designated States: all)

**Inventor:**

• **Dapper, Mark J.**

6558 Baywood Lane; Cincinnati, Ohio 45224; (US)

- **Geile, Michael J.**  
2215 Trappers Knoll; Vatavia, Ohio 45103; (US)
- **Hill, Terrance J.**  
1765 Garret House Lane; Fairfield, Ohio 45014; (US)
- **Roberts, Harold A.**  
7017 Beacon Circle; Eden Prairie, Minnesota 55346; (US)
- **Anderson, Brian D.**  
11430-50th Place North; Plymouth, Minnesota 55442; (US)
- **Brede, Jeffrey**  
8073 Curtis Lane; Eden Prairie, Minnesota 55347; (US)
- **Wadman, Mark S.**  
4416 Fairfax Hill Drive; Plano, Texas 75024; (US)
- **Kirscht, Robert J.**  
13106 Vernon Avenue South; Savage, Minnesota 55378; (US)
- **Herrmann, James J.**  
1894 Sunrise Court; Eagan, Minnesota 55122; (US)
- **Fort, Michael J.**  
17 Terry Drive; Monroe, New York 10950; (US)
- **Buska, Steven P.**  
13370 Stanton Drive; Minnetonka, Minnesota 55305; (US)
- **Solum, Jeff**  
4900 West 78th Street; Bloomington, Minnesota 55435; (US)
- **Enfield, Debra Lea**  
464 Ridge Court; Chaska, Minnesota 55318; (US)
- **Berg, Darrell**  
4900 West 78th Street; Bloomington, Minnesota 55435; (US)
- **Smigelski, Thomas**  
230 Waterford Drive; Lake Zurich, Illinois 60047; (US)
- **Tucker, Thomas C.**  
205 Silver Creek Trail; Chapel Hill, North Carolina 27514; (US)
- **Hall, Joe**  
4900 West 78th Street; Bloomington, Minnesota 55435; (US)
- **Logajan, John M.**  
4248 Hamline Avenue; Arden Hills, Minnesota 55112; (US)
- **Boualouang, Somvay**  
402 76th Avenue North; Brooklyn Park, Minnesota 55444; (US)
- **Elpers, Mark D.**  
16303 205th Avenue NW; Elk River, Minnesota 55330; (US)
- **Elpers, Mark D.**  
16303 205th Avenue NW; Elk River, Minnesota 55330; (US)
- **Ferris, Tammy**  
4900 West 78th Street; Bloomington, Minnesota 55435; (US)
- **Opoczynski, Adam**  
3705 Roxbury Lane; Plano, Texas 75025; (US)
- **Russel, David S.**  
2117 Dudley Avenue; St. Paul, Minnesota 55108; (US)

- **Nelson, Calvin**  
26190 Birch Bluff Road; Excelsior, Minnesota 55331; (US)
- **Samant, Niranjan R.**  
109 Green Spring Circle; Lansdale, Pennsylvania 19446; (US)
- **Chiappetta, Joseph F.**  
6 Ranch Drive; Trumbull, Connecticut 06611; (US)
- **Sarnikowski, Scott**  
5347 Silver Point Way; San Jose, California 95138; (US)

**Legal Representative:**

- **Bardo, Julian Eason et al (42861)**  
Abel & Imray 20 Red Lion Street; London WC1R 4PQ; (GB)

	Country	Number	Kind	Date	
Patent	EP	1122650	A2	20010808	(Basic)
	EP	1122650	A3	20020116	
Application	EP	2001201516		19970124	
Priorities	US	10497		19960124	
	US	10506		19960124	
	US	673002		19960628	
	US	650408		19960520	

**Designated States:**

AT; BE; CH; DE; DK; ES; FI; FR; GB; GR;  
IE; IT; LI; LU; MC; NL; PT; SE;

**Related Parent Numbers: Patent (Application):**EP 882268 (EP 97903135)

**International Patent Class (V7):** G06F-017/14; H04L-001/00; H04L-001/24; H04L-005/02; H04L-005/14; H04L-012/10; H04L-012/12; H04L-012/26; H04L-012/28; H04L-012/44; H04L-027/26; H04M-007/00; H04L-027/34; H04L-025/03  
**Abstract Word Count:** 101

**NOTE:** 1

**NOTE:** Figure number on first page: 1

Type	Pub. Date	Kind	Text
Publication: English			
Procedural: English			
Application: English			

  

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200132	713
SPEC A	(English)	200132	79700
Total Word Count (Document A) 80413			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 80413			

**Specification:** ...service unit also includes interface circuits coupled to the controller for providing signals to a **channel** unit.

In another embodiment, a method for controlling power usage at a service unit of...at each of the n remote units, means for scanning the at least one control **channel** of each of the plurality of regions in the first frequency bandwidth to detect identification...transmission downstream from downstream telephony transmitter 14 and two for transmission upstream to upstream telephony **receiver** 16. With the use of directional couplers, the number of such fibers may be cut... ..and fibers utilized may vary as known to one skilled in the art and any **listed** number is not limiting to the present invention as described in the accompanying claims.

The...block 195. Synthesizer block 195 is operated under control of commands from an IOC control **channel** which provides carrier **frequency** adjustment commands thereto as extracted in the HISU downstream **receiver** architecture. The up converted signal is then amplified by transmitter amplifier 200, filtered by transmitter...receiving a maximum of 10 DS0s out of the payload data channels in the HISU **receiver's** **frequency** view. The remaining **channels** will be used as a guard interval. Furthermore, in

order to reduce the power/cost...the filtering would be determined in response to the bit error rate characteristics in a **frequency** region to **determine how** many channels the ingress actually corrupted.

Another approach as previously discussed with respect to the ingress filter and FFT 112 of the MCC upstream **receiver** architecture of Figure 26 is the polyphase filter structure. The cost and power associated with ...growth signals 2117-2118) mentioned previously. In addition, the ASIC 2101 uses saturation logic that **prevents number roll over**. That is to say, that if the result of an addition or subtraction exceeds the...a manner that, if an overflow or underflow should occur, then the results saturate. This **prevents roll-over** from contaminating the results. The function performed by the dual-radix core 2600 for a...

17/3K/2 (Item 2 from file: 348) [Links](#)

EUROPEAN PATENTS

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00822614

**High-speed data communications modem**

Modem zur Kommunikation von Hochgeschwindigkeitsdaten

Modem de transmission de donnees a grande vitesse

**Patent Assignee:**

- **Hewlett-Packard Company, A Delaware Corporation;** (3016020)  
3000 Hanover Street; Palo Alto, CA 94304; (US)  
(Proprietor designated states: all)

**Inventor:**

- **Jam, Mehrban**  
595 Seville Place; Fremont, CA 94539; (US)
- **Chiu, Ran-Fun**  
1295 Montclair Way; Los Altos, CA 94024; (US)

**Legal Representative:**

- **Schoppe, Fritz, Dipl.-Ing. (55463)**  
Schoppe, Zimmermann, Stockeler & Zinkler Patentanwalte Postfach 246; 82043 Pullach bei Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	765061	A2	19970326	(Basic)
	EP	765061	A3	19990929	
	EP	765061	B1	20041124	
Application	EP	96114645		19960912	
Priorities	US	532923		19950922	

**Designated States:**

DE; FR; GB;

**International Patent Class (V7):** H04L-029/06; H04L-012/28; G06F-015/80; G06F-012/06; G06F-013/00; H04N-007/173;

G06F-013/16Abstract Word Count: 264

**NOTE: 1**

**NOTE: Figure number on first page: 1**

Type	Pub. Date	Kind	Text
Publication: English			
Procedural: English			
Application: English			

  

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB97	503
SPEC A	(English)	EPAB97	21759
CLAIMS B	(English)	200448	155
CLAIMS B	(German)	200448	183

CLAIMS B	(French)	200448	194
SPEC B	(English)	200448	21824
Total Word Count (Document A) 22265			
Total Word Count (Document B) 22356			
Total Word Count (All Documents) 44621			

**Specification:** ...see Table 1), the new symbol rate (6 bits, see Table 1), and the center **frequency** of the new **channel** (2 bytes, see Table 1).

The Switch Downstream Channel Request subframe type is sent by the Signal Conversion System (SCS) 101 to direct a CM 113 to switch its **receiver** to start receiving on the one designated in the request frame. The frame contains a...rollover

bit 1 Payload missed buffer error counter rollover

bit 2 Received payload packets counter **rollover**

bit 3 Downstream **control** CRC error counter **rollover**

bit 4 Downstream **control** missed buffer error counter rollover

bit 5 Received downstream **control** packets counter **rollover**

bit 6 Upstream retransmission error counter rollover

bit 7 Upstream dropped packet counter rollover

bit...

**Specification:** ...see Table 1), the new symbol rate (6 bits, see Table 1), and the center **frequency** of the new **channel** (2 bytes, see Table 1).

The Switch Downstream Channel Request subframe type is sent by the Signal Conversion System (SCS) 101 to direct a CM 113 to switch its **receiver** to start receiving on the one designated in the request frame. The frame contains a...

17/3K/3 (Item 3 from file: 348) [Links](#)

EUROPEAN PATENTS

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00822613

**High-speed data communications network system and method**

Netzwerkssystem und Verfahren zur Hochgeschwindigkeitsdatenerübertragung

Système et procédé pour réseau de communication de données à grande vitesse

#### Patent Assignee:

- **Hewlett-Packard Company;** (3016020)  
3000 Hanover Street; Palo Alto, CA 94304; (US)  
(Proprietor designated states: all)

#### Inventor:

- **Chiu, Ran-Fun**  
1295 Montclair Way; Los Altos, CA 94024; (US)
- **Jam, Mehrban**  
595 Seville Place; Fremont, CA 94539; (US)

#### Legal Representative:

- **Schoppe, Fritz (55463)**  
Schoppe, Zimmermann, Stockeler & Zinkler Patentanwälte Postfach 246; 82043 Pullach bei München; (DE)

	Country	Number	Kind	Date	
--	---------	--------	------	------	--

Patent	EP	765055	A2	19970326	(Basic)
	EP	765055	A3	20040204	
	EP	765055	B1	20051123	
Application	EP	96114644		19960912	
Priorities	US	532918		19950922	

**Designated States:**

DE; FR; GB;

**Related Divisions: Patent (Application):**EP 1437865 (EP 2004008225)

**International Patent Class (V7):** H04L-012/28 **Abstract** ...has a transmitter that transmits down-stream data onto the cable on a down-stream **channel** in a first **frequency** band; and a **receiver** that receives data from the client stations on an up-stream **channel** in a second **frequency** band. The down-stream data includes synchronization signals. Each client station has a **receiver** that receives data on said first frequency band, and a transmitter that transmits data on...

**Abstract Word Count:** 127

**NOTE:** 1

**NOTE:** Figure number on first page: 1

Type	Pub. Date	Kind	Text
Publication: English			
Procedural: English			
Application: English			
Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB97	1517
SPEC A	(English)	EPAB97	21756
CLAIMS B	(English)	200547	1336
CLAIMS B	(German)	200547	1378
CLAIMS B	(French)	200547	1633
SPEC B	(English)	200547	21943
Total Word Count (Document A) 23277			
Total Word Count (Document B) 26290			
Total Word Count (All Documents) 49567			

**Specification:** ...see Table 1), the new symbol rate (6 bits, see Table 1), and the center **frequency** of the new **channel** (2 bytes, see Table 1).

The Switch Downstream Channel Request subframe type is sent by the Signal Conversion System (SCS) 101 to direct a CM 113 to switch its **receiver** to start receiving on the one designated in the request frame. The frame contains a...rollover

bit 1 Payload missed buffer error counter rollover

bit 2 Received payload packets counter **rollover**

bit 3 Downstream **control** CRC error counter **rollover**

bit 4 Downstream **control** missed buffer error counter rollover

bit 5 Received downstream **control** packets counter **rollover**

bit 6 Upstream retransmission error counter rollover

bit 7 Upstream dropped packet counter rollover

bit...

**Specification:** ...have a transmitter that transmits down-stream data onto said cable on a down-stream **channel** in a first **frequency** band, and a **receiver** that receives data from said at least one client station on an up-stream **channel** in a second **frequency** band including data packets from a particular client station transmitted in a contention slot, wherein... ..has a transmitter that transmits down-stream data onto said cable on a down-stream **channel** in a first **frequency** band, and a **receiver** that receives data from said at least one client station on an up-stream **channel** in a second **frequency** band, and wherein each client station has a **receiver** that receives data in said first frequency band, and a transmitter that transmits data in...see Table 1), the new symbol rate (6 bits, see Table 1), and the center **frequency** of the new **channel** (2 bytes, see Table 1).



The Switch Downstream Channel Request subframe type is sent by the Signal Conversion System (SCS) 101 to direct a CM 113 to switch its **receiver** to start receiving on the one designated in the request frame. The frame contains a...rollover

bit 1 Payload missed buffer error counter rollover

bit 2 Received payload packets counter **rollover**

bit 3 Downstream **control** CRC error counter **rollover**

bit 4 Downstream **control** missed buffer error counter rollover

bit 5 Received downstream **control** packets counter **rollover**

bit 6 Upstream retransmission error counter rollover

bit 7 Upstream dropped packet counter rollover

bit...

**Claims:** ...having: a transmitter that transmits down-stream data onto said cable on a down-stream **channel** in a first **frequency** band; and a **receiver** that receives data from said client stations on an up-stream **channel** in a second **frequency** band; wherein said downstream data includes synchronization signals; and

each client station having: a **receiver** that receives data on said first frequency band; and

a transmitter that transmits data on...

**Claims:** ...transmitting down-stream data onto said cable (107a,107b,111,111a) on a down-stream **channel** in a first **frequency** band, and

a **receiver** (207) for receiving data from said at least one client station (105a-105j) on an up-stream **channel** in a second **frequency** band including data packets from a particular client station (105a-105j) transmitted in a contention... ..transmits down-stream data onto said cable (107a,107b,111,111a) on a down-stream **channel** in a first **frequency** band, and a **receiver** (207) that receives data from said at least one client station (105a-105j) on an up-stream **channel** in a second **frequency** band, and wherein each client station (105a-105j) has a **receiver** (303) that receives data in said first frequency band, and a transmitter (305) that transmits...

17/3K/4 (Item 1 from file: 349) [Links](#)

PCT FULLTEXT

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00432616

**A COMMUNICATION SYSTEM ARCHITECTURE**

**SYSTEME, PROCEDE ET PRODUIT MANUFACTURE POUR L'ARCHITECTURE D'UN SYSTEME DE COMMUNICATION**

**Patent Applicant/Patent Assignee:**

• **MCI COMMUNICATIONS CORPORATION;**

;;

• **ELLIOTT Isaac K;**

;;

• **STEELE Rick D;**

;;

• **GALVIN Thomas J;**

;;

• LAFRENIERE Lawrence L;  
;;

• KRISHNASWAMY Sridhar;  
;;

• FORGY Glen A;  
;;

• REYNOLDS Tim E;  
;;

• SOLBRIG Erin M;  
;;

• CERF Vinton;  
;;

• GROSS Phil;  
;;

• DUGAN Andrew J;  
;;

• SIMS William A;  
;;

• HOLMES Allen;  
;;

• SMITH Robert S II;  
;;

• KELLY Patrick J III;  
;;

• GOTTLIEB Louis G;  
;;

• COLLIER Matthew T;  
;;

• WILLE Andrew N;  
;;

• RINDE Joseph;  
;;

• LITZENBERGER Paul D;  
;;

• **TURNER Don A;**

;;

• **WALTERS John J;**

;;

• **EASTEP Guido M;**

;;

• **MARSHALL David D;**

;;

• **PRICE Ricky A;**

;;

• **SALEH Bilal A;**

;;

	Country	Number	Kind	Date
Patent	WO	9823080	A2	19980528
Application	WO	97US21174		19971114
Priorities	US	96751203		19961118
	US	96751668		19961118
	US	96752271		19961118
	US	96758734		19961118
	US	96751209		19961118
	US	96751661		19961118
	US	96752236		19961118
	US	96752487		19961118
	US	96752269		19961118
	US	96751923		19961118
	US	96751658		19961118
	US	96752552		19961118
	US	96751933		19961118
	US	96751663		19961118
	US	96746899		19961118
	US	96751915		19961118
	US	96752400		19961118
	US	96751922		19961118
	US	96751961		19961118

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

Publication Language: English

Filing Language:

Fulltext word count: 168195

#### **Detailed Description:**

...the service feature I 0 (see Figure 21). Thus, service features linked into service logic **programs** statically, while capabilities are linked to service logic programs dynamically. This is where the loose ...of the ISP 2100, including all transfers of information across the ISP boundaries.

The Data **Management** 2138 Architecture covers all persistent data, any copies or flows of such data within the...PC during normal work hours and to their phone at other times. This type of **control** over the decision to send incoming calls to a phone or PC may be controlled...

17/3K/5 (Item 2 from file: 349) [Links](#)

PCT FULLTEXT

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00407452

**COMMUNICATION SYSTEM WITH MULTICARRIER TELEPHONY TRANSPORT**

SYSTEME DE COMMUNICATION A TRANSPORT TELEPHONIQUE PAR ONDES PORTEUSES MULTIPLES

**Patent Applicant/Patent Assignee:**

• **ADC TELECOMMUNICATIONS INC;**

;;

	Country	Number	Kind	Date
Patent	WO	9748197	A2	19971218
Application	WO	97US8533		19970520
Priorities	US	96650408		19960520
	US	96673002		19960628

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

Publication Language: English

Filing Language:

Fulltext word count: 84824

**Detailed Description:**

...block 195. Synthesizer block 195 is operated under control of commands from an IOC control **channel** which provides carrier **frequency** adjustment commands thereto as extracted in the HISU downstream **receiver** architecture. The up converted signal is then amplified by transmitter amplifier 200, filtered by transmitter... the filtering would be determined in response to the bit error rate characteristics in a **frequency** region to **determine** how many channels the ingress actually corrupted.

Another approach as previously discussed with respect to the ingress filter and FFT 112 of the MCC upstream **receiver** architecture of Figure 26 is the polyphase filter structure. The cost and power associated with ...signals 2117-2118) mentioned previously. In addition, the ASIC 21 01 uses saturation logic that **prevents** number **roll over**. That is to say, that if the result of an addition or subtraction exceeds the...a manner that, if an overflow or underflow should occur, then the results saturate. This **prevents roll-over** from contaminating the results. The function performed by the dual-radix core 2600 for a...

17/3K/6 (Item 3 from file: 349) [Links](#)

PCT FULLTEXT

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00386807

**COMMUNICATION SYSTEM WITH MULTICARRIER TELEPHONY TRANSPORT**

SYSTEME DE COMMUNICATION AVEC TRANSMISSION TELEPHONIQUE PAR PORTEUSES MULTIPLES

**Patent Applicant/Patent Assignee:**

• **ADC TELECOMMUNICATIONS INC;**

;;

- DAPPER Mark J;  
;;
- GEILE Michael J;  
;;
- HILL Terrance J;  
;;
- ROBERTS Harold A;  
;;
- ANDERSON Brian D;  
;;
- BREDE Jeffrey;  
;;
- WADMAN Mark S;  
;;
- KIRSCHT Robert J;  
;;
- HERRMANN James J;  
;;
- FORT Michael J;  
;;
- BUSKA Steven P;  
;;
- SOLUM Jeff;  
;;
- ENFIELD Debra Lea;  
;;
- BERG Darrell;  
;;
- SMIGELSKI Thomas;  
;;
- TUCKER Thomas C;  
;;
- HALL Joe;  
;;

- LOGAJAN John M;  
;;
- BOUALOUANG Somway;  
;;
- LOU Heng;  
;;
- ELPERS Mark D;  
;;
- DOWNS Matt;  
;;
- FERRIS Tammy;  
;;
- OPOCZYNSKI Adam;  
;;
- RUSSELL David S;  
;;

	Country	Number	Kind	Date
Patent	WO	9727550	A2	19970731
Application	WO	97US1444		19970124
Priorities	US	9610497		19960124
	US	9610506		19960124
	US	96673002		19960628

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

Publication Language: English  
Filing Language:  
Fulltext word count: 85964

**Detailed Description:**

...noncontiguous channel sets not passed when filtering the first plurality of noncontiguous channel sets.

A receiver apparatus is also described which receives a frequency bandwidth having a plurality of modulated orthogonal carriers. At least one polyphase filter provides ingress protection for the frequency bandwidth by filtering a plurality of channel sets of the modulated orthogonal carriers.

The use ...block 195. Synthesizer block 195 is operated under control of commands from an IOC control channel which provides carrier frequency adjustment commands thereto as extracted in the HISU downstream receiver architecture. The up converted signal is then amplified by transmitter amplifier 200, filtered by transmitter... data channels. An ISU, such as an HISU, that can only see a single IOC channel the market today.

A given HISU 68 is limited to receiving a maximum of IO DSOs out of the payload data channels in the HISU receiver's frequency view. The remaining channels will be used as a guard interval. Furthermore, in order to reduce the SUBSTITUTE SHEET...determined in response to the bit error SUBSTITUTE SHEET (RULE 26)

rate characteristics in a **frequency** region to **determine** how many channels the ingress actually corrupted.

Another approach as previously discussed with respect to the ingress filter and FFT 1 12 of the MCC upstream **receiver** architecture of Figure 26 is the polyphase filter structure. The cost and power associated with...growth signals 2117-2118) mentioned previously. In addition, the ASIC 2101 uses saturation logic that **prevents** number **roll over**. That is to say, that if the result of an addition or subtraction exceeds the...a manner that, if an overflow or underflow should occur, then the results saturate. This **prevents roll-over** from contaminating the results. The function performed by the dual-radix core 2600 for a.

22/3K/1 (Item 1 from file: 349) [Links](#)

PCT FULLTEXT

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00794245

**ENHANCING INTERFACE TO TRANSPORT STREAMS BY PIN RE-ASSIGNMENT**

**OPTIMISATION D'INTERFACE POUR FLUX DE TRANSPORT PAR REAFFECTATION DE BROCHES**

**Patent Applicant/Patent Assignee:**

- **SONY ELECTRONICS INC;** 1 Sony Drive, Park Ridge, NJ 07656  
US; US(Residence); US(Nationality)

**Legal Representative:**

- **SOBRINO Maria McCormack(et al)(agent)**  
Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025-1026; US;

	Country	Number	Kind	Date
Patent	WO	200127731	A1	20010419
Application	WO	2000US28073		20001010
Priorities	US	99417532		19991013

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;  
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English  
Filing Language: English  
Fulltext word count: 4336

**English Abstract:**

...carrying serial signals between the host and the POD module. Each of the serial signals **corresponds** to the parallel signals. Each of the serial signals operating at a serial clock rate.

**French Abstract:**

...des signaux serie entre cet hote et le module POD. Chacun de ces signaux serie **correspond** aux signaux paralleles et utilise une frequence d'horloge de type serie.

**Detailed Description:**

...STREAMS BY PIN RE  
ASSIGNMENT  
BACKGROUND

1. Field of the Invention

The present invention is **related** to transport streams. In particular, the present invention is **related** to enhancing interface to transport streams.

2. Description of **Related Art**

Modern set-top boxes generally have a receiver to receive program data, or content... in parallel byte mode.

In picture-in-picture (PiP) systems, there are multiple transport streams **corresponding** to multiple picture sources. To accommodate multiple transport streams in PiP applications, multiple CA devices... carrying serial signals between the host and the POD module. Each of the serial signals **corresponds** to the parallel signals. Each of the serial signals operating at a serial clock rate... carrying serial signals between the host and the POD module. Each of the serial signals **corresponds** to the parallel signals. Each of the serial signals operating at a serial clock rate... and 222 receives system information from the demultiplexers 227 and 228. The CPU 212 may **determine** the **frequency** in which a **channel** is broadcast or otherwise transmitted. The CPU 212 may support a graphical user interface (GUI), such as electronic programming guide (EPG) to allow a user to navigate through various channels... 225 and 226, respectively.

The demodulators 225 and 226 demodulate the bitstreams received from the **corresponding** tuners 221 and 222 to provide the program data as originally transmitted. The type of... card 240 is configured to provide serial signal paths carrying serial signals. The serial signals **correspond** to the parallel signals of the transport streams.

The POD module 250 may be integral... data, and according to one embodiment, parses the program data for packet identifiers that are **associated** with the system information, audio information, and video information, and then transmits ...210 and the POD module 250 (shown in Figure 2).

Each of the serial signals **corresponds** to the parallel signals and operates at a serial clock rate.

The serial portion 301... signals. The parallel output and input signals operate at parallel clock rates as determined by **corresponding** clock signals. The serial portion 301 provides serial signal paths 310 and 330 at two... signals. The serial output paths 312, serial input paths 314, and serial clock paths 316 **correspond** to the serial output paths 332, serial input paths 334, and serial clock paths 336. In addition, the serial paths 312, 314, 316, 332, 334, and 336 **correspond** to the parallel paths 322, 324, and 326 according to a pin re-assignment of the interface card.

The parallel signal paths 320 **correspond** to a pin assignment according to the parallel data protocol. The pin assignment is re... is translated to the address bus 342 on the POD module side. The address may **correspond** to a memory or a register located on the POD module. Then the POD... clock signal (MCLKI), and one output clock signal (MCLKO). The eight input and output signals **correspond** to one transport stream. The assignment 402 includes six serial output signals (SDO0 to SDO5... and six clock signals (SCLK10 to SCLK15). Each of the serial input and output signals **corresponds** to a transport stream. Therefore, the assignment 402 can ...pin 40), the SCLK12 (pin 41), and the SCLK15 (pin 57) are inputs while the **corresponding** pins in the assignment 401 are outputs. This may not be a problem because a... six to four.

In addition, in the assignment 502, the serial output signal and the **corresponding** serial input signal have the same **corresponding** serial clock signal.

Figure 6 is a diagram illustrating a pin assignment 602 to accommodate... the assignment 502 shown in Figure 5 in that the serial output signal and the **corresponding** serial input signal have separate **corresponding** serial clock signal. This assignment supports application where there are different serial clock signals for...



**Claims:**

...signals between the

host (210) and the POD module (250), each of the serial signals **corresponding** to the parallel signals (320), each of the serial signals operating at a serial clock rate... POD module.

3 The method of Claim 1 wherein one of the serial signal paths **corresponds** to an output signal of the POD module.

4 The method of Claim 3 wherein one of the serial signal paths **corresponds** to an input signal of the POD module.

5 The method of Claim 1 wherein one of the serial signal paths **corresponds** to a serial clock signal operating at the serial clock rate.

6 The method of... a

conditional access (CA) module. 14. The method of Claim 7 wherein the output signal **corresponds** to a re-scrambled version of the transport stream.

9 An interface card (240) to... signals between the host (210) and the POD module (250), each of the serial signals **corresponding** to the parallel signals, each of the serial signals operating at a serial clock rate... module.

11 The interface card of Claim 9 wherein one of the serial signal paths **corresponds** to an output signal of the POD module.

12 The interface card of Claim 11 wherein one of the serial signal paths **corresponds** to an input signal of the POD module.

13 The interface card of Claim 9 wherein one of the serial signal paths **corresponds** to a serial clock signal operating at the serial clock rate.

14 The interface card... conditional access (CA) module.

16 The interface card of Claim 15 wherein the output signal **corresponds** to a re-scrambled version of the transport stream.

17 A system comprising:

a host... carrying serial signals between the host and the POD module, each of the serial signals **corresponding** to the parallel signals, each of the serial signals operating at a serial clock rate... POD module.

19 The system of Claim 17 wherein one of the serial signal paths **corresponds** to an output signal of the POD module.

20 The system of Claim 19 wherein one of the serial signal paths **corresponds** to an input signal of the POD module. 16. The system of Claim 17 wherein one of the serial signal paths **corresponds** to a serial clock signal operating at the serial clock rate.

22 The system of... a

conditional access (CA) module.

24 The system of Claim 23 wherein the output signal **corresponds** to a re-scrambled version of the transport stream.

22/3K/2 (Item 2 from file: 349) [Links](#)

PCT FULLTEXT

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00745816

**INTERFACING A CONDITIONAL ACCESS CIRCUIT TO A DIGITAL DEVICE USING INPUT AND OUTPUT STREAM SWITCHING**

**INTERFACAGE D'UN CIRCUIT D'ACCES CONDITIONNEL A UN DISPOSITIF NUMERIQUE A L'AIDE D'UNE COMMUTATION DE SUITES D'ENTREE ET DE SORTIE**

**Patent Applicant/Patent Assignee:**

- **SONY ELECTRONICS INC**; 1 Sony Drive, Park Ridge, NJ 07656  
US; US(Residence); US(Nationality)

**Legal Representative:**

• **SOBRINO Maria E**

Blakely, Sokoloff, Taylor & Zafman, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025-1026; US;

	Country	Number	Kind	Date
Patent	WO	200059215	A1	20001005
Application	WO	2000US6944		20000315
Priorities	US	99126868		19990330
	US	99416920		19991013

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;  
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; SD; SL; SZ; TZ; UG;  
ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 5612

**Detailed Description:**

**...INPUT AND OUTPUT STREAM SWITCHING  
BACKGROUND**

**1. Field of the Invention**

The present invention is **related** to conditional access devices. In particular, the present invention is **related** to interfacing a conditional access device to a digital device.

**2. Description of Related Art**

Modern set-top boxes generally have a receiver to receive program data, or content...the tuner 220, the CA unit 240 and the demultiplexer 250. The CPU 210 may **determine** the **frequency** in which a **channel** is broadcast or otherwise transmitted. The CPU 210 may support a graphical user interface (GUI), such as electronic programming guide (EPG) to allow a user to navigate through various channels...data, and according to one embodiment, parses the program data for packet identifiers that are **associated** with the system information, audio information, and video information, and then transmits the system information... the switching circuit 310. The interface circuit 314 convert the interface output stream into the **corresponding** interface protocol, and the stream from the digital device into the proper stream to the... Figure 1), or any combination thereof. It is contemplated that the digital device has a **corresponding** interface compatible with the interface circuit 314, e.g., supporting the same interface protocol.

The...

22/3K/3 (Item 3 from file: 349) [Links](#)

PCT FULLTEXT

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00745813

**SYSTEM FOR INTERFACING MULTIPLE CONDITIONAL ACCESS DEVICES**

**SYSTEME D'INTERFACAGE DE DISPOSITIFS MULTIPLES D'ACCES CONDITIONNEL**

**Patent Applicant/Patent Assignee:**

- **SONY ELECTRONICS INC;** 1 Sony Drive, Park Ridge, NJ 07656  
US; US(Residence); US(Nationality)

**Legal Representative:**

- **SOBRINO Maria E**  
Blakely, Sokoloff, Taylor & Zafman, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025-1026; US;

	Country	Number	Kind	Date
Patent	WO	200059210	A1	20001005
Application	WO	2000US7214		20000317
Priorities	US	99126900		19990330
	US	99432701		19991102

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;  
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; SD; SL; SZ; TZ; UG;  
ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English  
Filing Language: English  
Fulltext word count: 4869

**Detailed Description:**

...INTERFACING MULTIPLE CONDITIONAL ACCESS DEVICES  
BACKGROUND

1. Field of the Invention

The present invention is **related** to conditional access modules. In particular, the present invention is **related** to interfacing multiple conditional access modules.

2. Description of **Related Art**

Modem set-top boxes generally have a receiver to receive program data, or content...the tuner

220, the CA unit 240 and the demultiplexer 250. The CPU 210 may **determine** the **frequency** in which a **channel** is broadcast or otherwise transmitted. The

CPU 210 may support a graphical user interface ( GUI), such as electronic programming guide (EPG) to allow a user to navigate through various channels...data, and according to one embodiment, parses the program data for packet identifiers that are **associated** with the system information, audio information, and video information, and then transmits the system... user.

The memory 340 is coupled to the processor 330 to provide program and data **corresponding** to the identified channel. The memory 340 includes program/data 342, to 342,, **corresponding** to the cards 360, to 360, respectively.

The processor 330 uses the extracted code as ... 360KI respectively. Each of the 350, to 350Koperates to conform with the standard of the **corresponding** card. The card standard may be one of smart, personal computer memory card international **association** (PCMCIA), personal computer (PC), small PC, miniature, smart media, multimedia, compact flash, National

Renewable Security... 350, 350, ..., 350" are shown. The interface circuits 3501 to 350K have proper interface to the **corresponding** modules.

Each of the modules 4101 to 410K may be another CA device or module. In... to one embodiment of the invention.

Upon START, the process 500 receives a transport stream **corresponding** to a content provided by the host or a CA module (Block 510). Then the... 300 468 V1 1.

Next, the process 500 executes a program stored in the memory **corresponding** to the channel identified by the extracted code (Block 530). Then, the process 500 communicates with one of the cards or modules **corresponding** to the identified channel (Block 540). The process 500 is then terminated.

10  
While this...

#### Claims:

...the  
extracted code.

4 The apparatus of Claim 3 wherein the conditional access circuit (320) **corresponds** to at least one of National Renewable Security Standard (NRSS) type B standard and Digital... interface standard.

5 The apparatus of Claim 4 wherein the plurality of cards (360, ..., 360k) **corresponds** to at least one of smart, personal computer memory card international **association** (PCMCIA), personal computer (PC), small PC, miniature, smart media, multimedia, compact flash, National Renewable... a channel selected by a user.

10 The method of Claim 9 wherein the SI **corresponds** to a digital video broadcasting (DVB) standard.

11 The method of Claim 10 wherein the conditional access circuit (320) **corresponds** to at least one of National Renewable Security Standard (NRSS) type B standard and... interface standard.

12 The method of Claim 11 wherein the plurality of cards (360, ..., 360k) **correspond** to at least one of smart, personal computer memory card international **association** (PCMCIA), personal computer (PC), small PC, miniature, smart media, multimedia, compact flash, National Renewable Security... the extracted code..

18 The system of Claim 17 wherein the conditional access circuit (320) **corresponds** to at least one of National Renewable Security Standard (NRSS) type B standard and Digital... DVB) common interface standard.

19 The system of Claim 18 wherein the plurality of cards **corresponds** to at least one of smart, personal computer memory card (360, ..., 360k) international **association** (PCMCIA), personal computer (PC), small PC, miniature, smart media, multimedia, compact flash, National Renewable Security... 520 EXTRACT A CODE FROM SERVICE INFORMATION (SI.) IN THE TRANSPORT STREAM 530 EXECUTE PROGRAM **CORRESPONDING** TO THE CHANNEL IDENTIFIED BY THE CODE 540 COMMUNICATE WITH ONE OF THE CARDS **CORRESPONDING** TO THE IDENTIFIED CHANNEL FIG. 5 INTERNATIONAL SEARCH REPORT

1 national Application No  
PCT...

[File 9] **Business & Industry(R)** Jul/1994-2007/May 16  
(c) 2007 The Gale Group. All rights reserved.

[File 15] **ABI/Inform(R)** 1971-2007/May 17  
(c) 2007 ProQuest Info&Learning. All rights reserved.

[File 16] **Gale Group PROMT(R)** 1990-2007/May 16  
(c) 2007 The Gale Group. All rights reserved.

[File 20] **Dialog Global Reporter** 1997-2007/May 17  
(c) 2007 Dialog. All rights reserved.

[File 47] **Gale Group Magazine DB(TM)** 1959-2007/May 08  
(c) 2007 The Gale group. All rights reserved.

[File 75] **TGG Management Contents(R)** 86-2007/May W1  
(c) 2007 The Gale Group. All rights reserved.

[File 80] **TGG Aerospace/Def.Mkts(R)** 1982-2007/May 16  
(c) 2007 The Gale Group. All rights reserved.

[File 88] **Gale Group Business A.R.T.S.** 1976-2007/May 14  
(c) 2007 The Gale Group. All rights reserved.

[File 98] **General Sci Abs** 1984-2007/May  
(c) 2007 The HW Wilson Co. All rights reserved.

[File 112] **UBM Industry News** 1998-2004/Jan 27  
(c) 2004 United Business Media. All rights reserved.  
*\*File 112: File 112 is no longer updating.*

[File 160] **Gale Group PROMT(R)** 1972-1989  
(c) 1999 The Gale Group. All rights reserved.

[File 275] **Gale Group Computer DB(TM)** 1983-2007/May 16  
(c) 2007 The Gale Group. All rights reserved.

[File 264] **DIALOG Defense Newsletters** 1989-2007/May 16  
(c) 2007 Dialog. All rights reserved.

[File 484] **Periodical Abs Plustext** 1986-2007/May W2  
(c) 2007 ProQuest. All rights reserved.

[File 553] **Wilson Bus. Abs.** 1982-2007/May  
(c) 2007 The HW Wilson Co. All rights reserved.

[File 570] **Gale Group MARS(R)** 1984-2007/May 16  
(c) 2007 The Gale Group. All rights reserved.

[File 620] **EIU:Viewswire** 2007/May 16  
(c) 2007 Economist Intelligence Unit. All rights reserved.

[File 621] **Gale Group New Prod.Annou.(R)** 1985-2007/May 16  
(c) 2007 The Gale Group. All rights reserved.

[File 623] **Business Week** 1985-2007/May 16  
(c) 2007 The McGraw-Hill Companies Inc. All rights reserved.

[File 624] **McGraw-Hill Publications** 1985-2007/May 16  
(c) 2007 McGraw-Hill Co. Inc. All rights reserved.

*\*File 624: Homeland Security & Defense and 9 Platt energy journals added Please see HELP NEWS624 for more*

[File 634] **San Jose Mercury** Jun 1985-2007/May 16  
(c) 2007 San Jose Mercury News. All rights reserved.

[File 635] **Business Dateline(R)** 1985-2007/May 17  
(c) 2007 ProQuest Info&Learning. All rights reserved.

[File 636] **Gale Group Newsletter DB(TM)** 1987-2007/May 16  
(c) 2007 The Gale Group. All rights reserved.

[File 647] **CMP Computer Fulltext** 1988-2007/Aug W1  
(c) 2007 CMP Media, LLC. All rights reserved.

[File 696] **DIALOG Telecom. Newsletters** 1995-2007/May 16  
(c) 2007 Dialog. All rights reserved.

[File 674] **Computer News Fulltext** 1989-2006/Sep W1  
(c) 2006 IDG Communications. All rights reserved.  
*\*File 674: File 674 is closed (no longer updates).*

[File 810] **Business Wire** 1986-1999/Feb 28  
(c) 1999 Business Wire . All rights reserved.

[File 813] **PR Newswire** 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc. All rights reserved.

[File 587] **Jane's Defense&Aerospace** 2007/May W1  
(c) 2007 Jane's Information Group. All rights reserved.

Set	Items	Description
S1	32114232	S (GENRE? OR HOW?? OR PROGRAM? OR CHANNEL?? OR (FREQUENCY OR TUNE OR TUNING) () (EVENT?? OR PROGRAM??) OR EPG OR APG OR BROADCAST OR SURF??? OR VIEWER??()HABIT??)
S2	1176281	S (SAVE OR FAVORITE?? OR PREFER? OR FREQUEN? OR MOST()WATCH??? OR MARK??? OR TABLE OR MENU OR LIST???) (3N)S1
S3	57923	S (COUNT??? OR STAT?? OR STATISTICS OR RANK??? OR SCORE?? OR SCORING OR WEIGHT??? OR VALUE?? OR VALUING OR SELECT??? OR TABULAT??? OR COMPUTE OR DETERMINE??? OR CALCULAT??? OR ESTIMAT??? OR APPROXIMAT??? OR COLLECT??? OR PERCENT???) (3N)S2
S4	221	S (AUTO OR AUTOMATIC OR AUTOMATICALLY OR CONCURRENT???) (3N)S3
S5	1373	S (MAX OR MAXIMUM OR PEAK OR LARGEST OR HIGHEST OR HIGH OR LOW??? OR TREND?? OR THRESHOLD?? OR (PREDETERMINE?? OR SET) ()AMOUNT??) (3N) (S3 OR S4)
S6	25	S (REDUC??? OR RESET??? OR DIVID??? OR HALF OR REORDER OR RENUMBER OR CHANG??? OR ROLLOVER?? OR ROLL()OVER??) (3N)S5
S7	38	S (COMPARE?? OR COMPARISON?? OR RELATIVE OR COMPARATIVE OR RELAT??? OR RELATIONSHIP OR ASSOCIAT??? OR CORRESPOND??? OR CORRELAT??? OR RATIO??) (3N) (S4 OR S5)
S8	380	S AU=(CANDELORE, B? OR CANDELORE B? OR GUO, Z? OR GUO Z?)
S9	3385	S (PREVENT??? OR AVOID??? OR STOP? OR CONTROL?? OR CONTROLLING OR MANAG?) (3N) (ROLLOVER?? OR ROLL()OVER??)
S10	711815	S STB OR SET()TOP()BOX OR SETTOP()BOX OR RECEIVER?? OR INTERFACE GRAPHIC?()USER()INTERFACE?? OR GUI OR STT OR SET()TOP()TERMINAL?? OR (CATV OR SUBSCRIBER OR CABLE) (3N) (BOX OR CONVERTER)
S11	2	S S10(3N) (S4:S7)
S12	0	S S11 NOT FADING
S13	6292	S S10(40N) (S2 OR S3)
S14	0	S S13 AND S9
S15	0	S S13 AND S8
S16	0	S (S6 OR S7) AND (ROLLOVER?? OR ROLL()OVER??)

[File 2] **INSPEC** 1898-2007/May W1  
(c) 2007 Institution of Electrical Engineers. All rights reserved.

[File 6] **NTIS** 1964-2007/May W3  
(c) 2007 NTIS, Intl Cpyrght All Rights Res. All rights reserved.

[File 8] **Ei Compendex(R)** 1884-2007/May W1  
(c) 2007 Elsevier Eng. Info. Inc. All rights reserved.

[File 34] **SciSearch(R) Cited Ref Sci** 1990-2007/May W3  
(c) 2007 The Thomson Corp. All rights reserved.

[File 35] **Dissertation Abs Online** 1861-2007/Apr  
(c) 2007 ProQuest Info&Learning. All rights reserved.

[File 56] **Computer and Information Systems Abstracts** 1966-2007/May  
(c) 2007 CSA. All rights reserved.

[File 57] **Electronics & Communications Abstracts** 1966-2007/May  
(c) 2007 CSA. All rights reserved.

[File 65] **Inside Conferences** 1993-2007/May 17  
(c) 2007 BLDSC all rts. reserv. All rights reserved.

[File 95] **TEME-Technology & Management** 1989-2007/May W2  
(c) 2007 FIZ TECHNIK. All rights reserved.

[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2007/Apr  
(c) 2007 The HW Wilson Co. All rights reserved.

[File 144] **Pascal** 1973-2007/Apr W5  
(c) 2007 INIST/CNRS. All rights reserved.

[File 239] **Mathsci** 1940-2007/Jun  
(c) 2007 American Mathematical Society. All rights reserved.

[File 256] **TecInfoSource** 82-2007/Jun  
(c) 2007 Info.Sources Inc. All rights reserved.

[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec  
(c) 2006 The Thomson Corp. All rights reserved.

[File 583] **Gale Group Globalbase(TM)** 1986-2002/Dec 13  
(c) 2002 The Gale Group. All rights reserved.  
*\*File 583: This file is no longer updating as of 12-13-2002.*

[File 603] **Newspaper Abstracts** 1984-1988  
(c)2001 ProQuest Info&Learning. All rights reserved.  
*\*File 603: This is a closed file.*

[File 483] **Newspaper Abs Daily** 1986-2007/May 17  
(c) 2007 ProQuest Info&Learning. All rights reserved.

[File 248] **PIRA** 1975-2007/Apr W4  
(c) 2007 Pira International. All rights reserved.

Set	Items	Description
S1	1444	S COUNTER??(3N) (MEMORY OR REGISTER OR RAM OR DYNAMIC)
S2	53	S (MINIMUM OR MINIMIZ??? OR REDUC? OR EMPTY OR RESET? OR CHANG? OR DIVID??? OR HALF OR REORDER OR RENUMBER OR CHANG??? OR ROLLOVER?? OR ROLL()OVER??) (3N) S1
S3	467	S (ELIMINAT??? OR PREVENT??? OR AVOID??? OR STOP? OR CONTROL?? OR CONTROLLING OR MANAG?) (3N) (ROLLOVER?? OR ROLL()OVER??)
S4	11160	S AU=(CANDELORE, B? OR CANDELORE B? OR GUO, Z? OR GUO Z?)

S5        406991    S STB OR SET()TOP()BOX OR SETTOP()BOX OR RECEIVER?? OR  
 INTERFACE GRAPHIC?()USER()INTERFACE?? OR GUI OR STT OR SET()TOP()TERMINAL?? OR  
 (CATV OR SUBSCRIBER OR CABLE) (3N) (BOX OR CONVERTER)  
 S6            0    S (S1 OR S2) AND S3  
 S7            1    S S3 AND S5  
 S8            0    S S3 AND S4

7/3,K/1 (Item 1 from file: 483) [Links](#)

Newspaper Abs Daily

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05659245

**Satellite System Must Reset or Face Trouble**

Feder, Barnaby J

New York Times , Sec C, p 2, col 1

Aug 16, 1999

ISSN: 0362-4331    **Newspaper Code:** NY

**Document Type:** News ; Newspaper

**Language:** English    **Record Type:** ABSTRACT

**Length:** Long (18+ col inches)

**Abstract:** ...or G.P.S., blends signals from satellites to pinpoint the location of a radio **receiver** -- and anyone or anything holding it -- to within 50 yards or so. When support from... ...for the 24 satellites broadcasting the signals and for the Defense Department ground stations that **control** the system, the **rollover** will be a nonevent, like the hands on a watch sweeping past 12. They also... ...smooth sailing for more than 90 percent of the estimated eight million global positioning radio **receivers** in Government and civilian hands.



[File 344] **Chinese Patents Abs Jan 1985-2006/Jan**  
(c) 2006 European Patent Office. All rights reserved.

[File 347] **JAPIO Dec 1976-2006/Dec(Updated 070403)**  
(c) 2007 JPO & JAPIO. All rights reserved.

[File 350] **Derwent WPIX 1963-2007/UD=200730**  
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*\*File 350: DWPI has been enhanced to extend content and functionality of the database. For more info, visit  
<http://www.dialog.com/dwpi/>.*

[File 371] **French Patents 1961-2002/BOPI 200209**  
(c) 2002 INPI. All rts. reserv. All rights reserved.

*\*File 371: This file is not currently updating. The last update is 200209.*

Set	Items	Description
S1	17259	S COUNTER??(3N) (MEMORY OR REGISTER OR RAM OR DYNAMIC)
S2	964	S (MINIMUM OR MINIMIZ??? OR REDUC? OR EMPTY OR RESET? OR CHANG? OR DIVID??? OR HALF OR REORDER OR RENUMBER OR CHANG??? OR ROLLOVER?? OR ROLL()OVER??) (3N) S1
S3	482	S (ELIMINAT??? OR PREVENT??? OR AVOID??? OR STOP? OR CONTROL?? OR CONTROLLING OR MANAG?) (3N) (ROLLOVER?? OR ROLL()OVER??)
S4	1316	S AU=(CANDELORE, B? OR CANDELORE B? OR GUO, Z? OR GUO Z?)
S5	458318	S STB OR SET()TOP()BOX OR SETTOP()BOX OR RECEIVER?? OR INTERFACE GRAPHIC?()USER()INTERFACE?? OR GUI OR STT OR SET()TOP()TERMINAL?? OR (CATV OR SUBSCRIBER OR CABLE) (3N) (BOX OR CONVERTER)
S6	0	S (S1 OR S2) AND S3
S7	3	S S3 AND S5
S8	0	S S3 AND S4

7/3,K/I (Item 1 from file: 350) **Links**

Derwent WPIX

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0015552584 *Drawing available*

WPI Acc no: 2006-116739/200612

Related WPI Acc No: 2006-088079; 2006-088146; 2006-108364; 2006-527345; 2006-548073; 2006-548075; 2006-724382

XRPX Acc No: N2006-101115

**Unified interest layer presenting method in computer system, involves displaying unified interest layer comprising layer elements in area of display screen, after inactivating user interface**

Patent Assignee: CHAUDHRI I A (CHAU-I); CHRISTIE G N (CHRI-I); GRIGNON A M (GRIG-I); LOUCH J (LOUC-I)

Inventor: CHAUDHRI I A; CHRISTIE G N; GRIGNON A M; LOUCH J

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20060015818	A1	20060119	US 2004877968	A	20040625	200612	B

Priority Applications (no., kind, date): US 2004877968 A 20040625

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20060015818	A1	EN	59	34	

**Alerting Abstract ...** method for distributing layer element; method for editing layer element; method for displaying **rollover** close **control**; method for displaying preferences control; method for displaying animation; method for displaying auxiliary

functions; method... USE - For presenting unified interest layer of graphical user interface (GUI) in computer system...

7/3,K/2 (Item 2 from file: 350) [Links](#)

Derwent WPIX

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0012465125 *Drawing available*

WPI Acc no: 2002-411415/200244

XRPX Acc No: N2002-323546

**GPS receiver for car navigation system, has standard wave receiving unit which receives standard wave based on which satellites are listed for executing positioning calculation**

Patent Assignee: CLARION CO LTD (CLAQ)

Inventor: ITSUKIDA R

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2002090441	A	20020327	JP 2000286083	A	20000920	200244	B

Priority Applications (no., kind, date): JP 2000286083 A 20000920

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 2002090441	A	JA	8	4	

**GPS receiver for car navigation system, has standard wave receiving unit which receives standard wave based on... Alerting Abstract ...is shortened even when time information is not obtained from real time clock. Week number roll-over problems are avoided in the GPS receiver.**

7/3,K/3 (Item 3 from file: 350) [Links](#)

Derwent WPIX

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0010332127 *Drawing available*

WPI Acc no: 2000-646989/200062

Related WPI Acc No: 1990-290517; 1992-365594; 1993-045336; 1993-045745; 1993-249800; 1994-216788; 1994-332957; 1995-090274; 1995-292260; 1995-375779; 1995-384794; 1995-394729; 1995-394821; 1997-023903; 1997-067777; 1997-280418; 1997-291871; 1997-401587; 1997-549207; 1998-285428; 1998-286132; 1998-459502; 1998-520683; 1999-022852; 1999-035372; 1999-044227; 1999-084210; 1999-337946; 1999-346431; 1999-550017; 2000-292169; 2000-422648; 2000-548640; 2000-637073; 2001-069866; 2001-101818; 2001-121941; 2001-158508; 2001-181689; 2001-280835; 2001-373647; 2001-373948; 2001-380893; 2001-465066; 2001-513031; 2001-528859; 2001-564614; 2001-564671; 2001-578839; 2001-610428; 2001-624377; 2001-624865; 2001-625122; 2002-066001; 2002-082884; 2002-096978; 2002-138308; 2002-146749; 2002-153687; 2002-204738; 2002-204739; 2002-215537; 2002-224808; 2002-238971; 2002-254807; 2002-281187; 2002-315029; 2002-327762; 2002-350943; 2002-381166; 2002-626936; 2002-646481; 2002-654462; 2002-655703; 2002-655935; 2002-656335; 2002-689457; 2002-711433; 2003-017329; 2003-045525; 2003-045602; 2003-091038; 2003-091039; 2003-127776; 2003-208826; 2003-238344; 2003-275611; 2003-299351; 2003-353268; 2003-380216; 2003-429341; 2003-479921; 2003-660233; 2003-688309; 2003-744557; 2003-755879; 2003-803080; 2003-810739; 2003-830500; 2003-842402; 2003-842472; 2003-896542; 2003-899517; 2003-901271; 2004-031769; 2004-080469; 2004-118713; 2004-167186; 2004-267321; 2004-372802; 2004-373495; 2004-429839; 2004-613380; 2004-613849; 2004-689048; 2004-755715; 2004-831204; 2005-057096; 2005-160816; 2005-199173; 2005-251272; 2005-343441; 2005-444042; 2005-465362; 2005-476529; 2005-494659; 2005-495592; 2005-531962; 2005-540356; 2005-637420; 2005-655915; 2005-777673; 2005-807746; 2006-036771; 2006-037386; 2006-045790; 2006-075622; 2006-153168; 2006-327348; 2006-519194; 2006-575757; 2006-625607; 2006-633487; 2006-647443; 2006-686500; 2006-716868; 2006-744308; 2006-744722; 2006-744723; 2006-765456; 2006-789252; 2007-014945; 2007-033139; 2007-043859; 2007-053465; 2007-071939; 2007-171383; 2007-197871; 2007-218226; 2007-218490; 2007-281672

XRPX Acc No: N2000-479510

**Vehicle accidents preventing system, has processor to determine location of vehicle and alarm and guidance driving system to affect automatic driving system if vehicle approaches edge of roadway**

Patent Assignee: BREED D S (BREE-I); DUVAL W E (DUVA-I); INTELLIGENT TECHNOLOGIES INT INC (INTE-N);

JOHNSON W C (JOHN-I)

Inventor: BREED D S; DUVALL W E; JOHNSON W C

Patent Family ( 5 patents, 89 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2000054008	A1	20000914	WO 2000US6236	A	20000310	200062	B
AU 200035225	A	20000928	AU 200035225	A	20000310	200067	E
US 6405132	B1	20020611	US 1994247760	A	19940523	200244	E
			US 199762729	P	19971022		
			US 199824085	A	19980227		
			US 1998177041	A	19981022		
			US 1999123882	P	19990311		
			US 2000523559	A	20000310		
			US 2000679317	A	20001004		
US 20050060069	A1	20050317	US 199762729	P	19971022	200521	E
			US 1998177041	A	19981022		
			US 1999123882	P	19990311		
			US 2000523559	A	20000310		
			US 2000679317	A	20001004		
			US 2001909466	A	20010719		
			US 2002118858	A	20020409		
			US 2002216633	A	20020809		
			US 2004822445	A	20040412		
US 7085637	B2	20060801	US 199762729	P	19971022	200650	E
			US 1998177041	A	19981022		
			US 1999123882	P	19990311		
			US 2000523559	A	20000310		
			US 2000679317	A	20001004		
			US 2001909466	A	20010719		
			US 2002118858	A	20020409		
			US 2002216633	A	20020809		
			US 2004822445	A	20040412		

Priority Applications (no., kind, date): US 1994247760 A 19940523; US 199762729 P 19971022; US 199824085 A 19980227; US 1998177041 A 19981022; US 1999123882 P 19990311; US 2000523559 A 20000310; US 2000679317 A 20001004; US 2001909466 A 20010719; US 2002118858 A 20020409; US 2002216633 A 20020809; US 2004822445 A 20040412

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2000054008	A1	EN	53	8		
National Designated States, Original	AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
Regional Designated States, Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW					
AU 200035225	A	EN			Based on OPI patent	WO 2000054008
US 6405132	B1	EN			C-I-P of application	US 1994247760
					Related to Provisional	US 199762729
					C-I-P of application	US 199824085
					C-I-P of application	US 1998177041
					Related to Provisional	US 1999123882
					C-I-P of application	US 2000523559
					C-I-P of patent	US 6209909
US 20050060069	A1	EN			Related to Provisional	US 199762729
					C-I-P of application	US 1998177041
					Related to Provisional	US 1999123882
					C-I-P of application	US 2000523559

				C-I-P of application	US 2000679317
				C-I-P of application	US 2001909466
				C-I-P of application	US 2002118858
				C-I-P of application	US 2002216633
				C-I-P of patent	US 6370475
				C-I-P of patent	US 6405132
				C-I-P of patent	US 6526352
				C-I-P of patent	US 6720920
				C-I-P of patent	US 6768944
US 7085637	B2	EN		Related to Provisional	US 199762729
				C-I-P of application	US 1998177041
				Related to Provisional	US 1999123882
				C-I-P of application	US 2000523559
				C-I-P of application	US 2000679317
				C-I-P of application	US 2001909466
				C-I-P of application	US 2002118858
				C-I-P of application	US 2002216633
				C-I-P of patent	US 6370475
				C-I-P of patent	US 6405132
				C-I-P of patent	US 6526352
				C-I-P of patent	US 6720920
				C-I-P of patent	US 6768944

Original Publication Data by Authority...**Original Abstracts:**unit and control the vehicle control devices to apply the throttle, brakes and steering to **prevent the rollover**, optionally in consideration of the position of the vehicle as provided by a map database... .. unit and control the vehicle control devices to apply the throttle, brakes and steering to **prevent the rollover**, optionally in consideration of the position of the vehicle as provided by a map database... ..**Claims:**unit and control said vehicle control devices to apply the throttle, brakes and steering to **prevent the rollover**.... .. positioning system for transmitting the position of the second vehicle to the first vehicle,first **receiver** means arranged in the first vehicle for receiving position information from the second vehicle,second **receiver** means arranged in the first vehicle for providing status information about the status of traffic control devices,processor means coupled to said first positioning system, said first **receiver** means, said second **receiver** and said memory unit for predicting a collision between the first vehicle and the second... .. vehicle control devices to apply at least one of the throttle, brakes and steering to **prevent the rollover**; andlocation determining means for determining the location of the vehicle on a roadway, said

[File 348] **EUROPEAN PATENTS 1978-2007/ 200718**

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\*File 348: For important information about IPCR/8 and forthcoming changes to the IC= index, see *HELP NEWSIPCR*.

[File 349] **PCT FULLTEXT 1979-2007/UB=20070510UT=20070504**

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\*File 349: For important information about IPCR/8 and forthcoming changes to the IC= index, see *HELP NEWSIPCR*.

Set	Items	Description
S1	9948	S COUNTER?? (3N) (MEMORY OR REGISTER OR RAM OR DYNAMIC)
S2	818	S (MINIMUM OR MINIMIZ??? OR REDUC? OR EMPTY OR RESET? OR CHANG? OR DIVID??? OR HALF OR REORDER OR RENUMBER OR CHANG??? OR ROLLOVER?? OR ROLL()OVER??) (3N) S1
S3	472	S (ELIMINAT??? OR PREVENT??? OR AVOID??? OR STOP? OR CONTROL?? OR CONTROLLING OR MANAG?) (3N) (ROLLOVER?? OR ROLL()OVER??)
S4	268	S AU=(CANDELORE, B? OR CANDELORE B? OR GUO, Z? OR GUO Z?)
S5	207797	S STB OR SET()TOP()BOX OR SETTOP()BOX OR RECEIVER?? OR INTERFACE GRAPHIC?()USER()INTERFACE?? OR GUI OR STT OR SET()TOP()TERMINAL?? OR (CATV OR SUBSCRIBER OR CABLE) (3N) (BOX OR CONVERTER)
S6	14	S (S1 OR S2) AND S3
S7	6	S S6 AND S5
S8	0	S S3 AND S4

7/3K/1 (Item 1 from file: 348) [Links](#)

EUROPEAN PATENTS

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01435381

**Response adjustable temperature sensor for transponder**

Verstellbarer Temperatursensor für Transponder

Capteur de temperature a reponse ajustable pour transpondeur

**Patent Assignee:**

• **THE GOODYEAR TIRE & RUBBER COMPANY;** (204500)

1144 East Market Street; Akron, Ohio 44316-0001; (US)

(Applicant designated States: all)

**Inventor:**

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**Legal Representative:**

• **Kutsch, Bernd (125662)**

Goodyear S.A. Patent Department; 7750 Colmar-Berg; (LU)

	Country	Number	Kind	Date	
Patent	EP	1216855	A2	20020626	(Basic)
	EP	1216855	A3	20030409	
Application	EP	2001129387		20011218	

Priorities	US	742652	20001221
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**Designated States:**

AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LI; LU; MC; NL; PT; SE; TR;

**Extended Designated States:**

AL; LT; LV; MK; RO; SI;

**International Patent Class (V7):** B60C-023/20; B60C-023/04**Abstract Word Count:** 245

**NOTE:** 4A

**NOTE:** Figure number on first page: 4A

Type	Pub. Date	Kind	Text
Publication: English			
Procedural: English			
Application: English			
Available Text	Language	Update	Word Count
CLAIMS A	(English)	200226	449
SPEC A	(English)	200226	25834
Total Word Count (Document A) 26283			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 26283			

**Specification:** ...in conjunction with transponders for measuring and transmitting pressure and temperature measurements to an external **receiver** (reader, or reader/interrogator) and, more particularly, for temperature response adjustment for the temperature sensors... ..transmitting a radio frequency (RF) signal indicative of the tire pressure to a remotely-located **receiver**. Such a "transmitting device" may have its own power supply and may be activated only... ..transmitting device may be activated ("turned ON") by an RF signal from the remotely-located **receiver**, in that case the **receiver** is considered to be an "interrogator". Additionally, the transmitting device may be powered by an... ..pressure monitoring system" (TPMS) indicates an overall system comprising tags within the tires and a **receiver** that may be an interrogator disposed within the vehicle.

It is known to mount a...and to collect information from each of these transponders with a common single interrogator (or **receiver**), and to alert a driver of the vehicle to a low tire pressure condition requiring...to transmit signals indicative of the measured pressure and temperature conditions to an external interrogator/**receiver**. For example:

- transmit the signals individually, distinguished by phase displacements: US-A-4,174,515...preferably implemented as an algorithmic state machine (ASM).

The transponder core 204 further includes a **register/ counter** circuit 230 which includes a temperature register 232 (e.g., 12-bit) and a pressure... ..dashed line 238 representing a block of addressable memory on the IC chip 202.

The **register/counter** circuit 230 also includes a multiplexer and column decoder 240, as well as a row...510 (e.g., by setting the trimming bits 436b) a transponder user can attempt to **avoid rollovers** within the temperature and/or pressure range of interest to the user. However, in situations... ..to produce a steeper slope in the temperature response, it becomes even more difficult to **prevent rollover** since the steeper slope makes it more likely that the highest point 881 will be... ..scaling (especially for the temperature measuring mode of operation), it may not be possible to **avoid rollover** within certain desired temperature measurement ranges. The inventive solution to this problem is to utilize... ..716 may make the employment of the fixed value measuring capacitor CP)), 418 necessary to **avoid rollover**.

Finally, it should be noted that the same inventive concept of utilizing a fixed value...

7/3K/2 (Item 2 from file: 348) [Links](#)

EUROPEAN PATENTS

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00822614

**High-speed data communications modem**

Modem zur Kommunikation von Hochgeschwindigkeitsdaten

Modem de transmission de donnees a grande vitesse

**Patent Assignee:**

- **Hewlett-Packard Company, A Delaware Corporation;** (3016020)  
3000 Hanover Street; Palo Alto, CA 94304; (US)  
(Proprietor designated states: all)

**Inventor:**

- **Jam, Mehrban**  
595 Seville Place; Fremont, CA 94539; (US)
- **Chiu, Ran-Fun**  
1295 Montclair Way; Los Altos, CA 94024; (US)

**Legal Representative:**

- **Schoppe, Fritz, Dipl.-Ing. (55463)**  
Schoppe, Zimmermann, Stockeler & Zinkler Patentanwälte Postfach 246; 82043 Pullach bei München; (DE)

	Country	Number	Kind	Date	
Patent	EP	765061	A2	19970326	(Basic)
	EP	765061	A3	19990929	
	EP	765061	B1	20041124	
Application	EP	96114645		19960912	
Priorities	US	532923		19950922	

**Designated States:**

DE; FR; GB;

**International Patent Class (V7):** H04L-029/06; H04L-012/28; G06F-015/80; G06F-012/06; G06F-013/00; H04N-007/173; G06F-013/16  
**Abstract** ...that transmits down-stream data onto said cable in a first frequency band; and a receiver that receives data from said client stations on a second frequency band; wherein said down-stream data includes synchronization and acknowledgement signals. Each client station has a receiver that receives data on said first frequency band, and a transmitter that transmits data on...

**Abstract Word Count:** 264**NOTE:** 1**NOTE:** Figure number on first page: 1

Type	Pub. Date	Kind	Text
Publication: English			
Procedural: English			
Application: English			

  

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB97	503
SPEC A	(English)	EPAB97	21759
CLAIMS B	(English)	200448	155
CLAIMS B	(German)	200448	183
CLAIMS B	(French)	200448	194
SPEC B	(English)	200448	21824
Total Word Count (Document A) 22265			
Total Word Count (Document B) 22356			
Total Word Count (All Documents) 44621			

**Specification:** ...that transmits down-stream data onto said cable in a first frequency band; and a receiver that receives data from said client stations on a second frequency band; wherein said down-stream data includes synchronization and acknowledgement signals. Each client station has a receiver that receives data on said first frequency band, and a transmitter that transmits data on... or 256-QAM (256 bit QAM) transmission format onto the fibre cable 107a. Using multiple receiver 207, the SCS 101 receives QPSK data on several channels on the fibre cable 107b. Both transmitter 205 and receiver 207 are connected to a SCS bus 203.

The SCS 101 contains a router interface... by a transmitter 305. In the preferred embodiment, the tuner 303 is a 64-QAM receiver and the transmitter is a QPSK transmitter.

At a high-level of description, the CM...sequence should be as random as possible to provide enough transitions for the 64-QAM receiver tuner 303 to stay in sync with the transmitter 305.

The Channel/Slot status subframe... by the Signal Conversion System (SCS) 101 to direct a CM 113 to switch its receiver to start receiving on the one designated in the request frame. The frame contains a...illustrates the operation of the device 901 in burst mode. The device 901 contains a counter register 1201 for storing the number of memory requests it needs to do. Each of the...the counter are all fed into an OR-gate 1205. When all bits in the counter register are zero, the output of the OR-gate 1205 is zero, and thus the device...data to the LAN chip 307.

Each state machine has at least a 16 bit register/counter which it uses as an address register. This register is the BASE register 1410 and...rollover

bit 1 Payload missed buffer error counter rollover

bit 2 Received payload packets counter rollover

bit 3 Downstream control CRC error counter rollover

bit 4 Downstream control missed buffer error counter rollover

bit 5 Received downstream control packets counter rollover

bit 6 Upstream retransmission error counter rollover

bit 7 Upstream dropped packet counter rollover

bit ...at a time. Therefore, in state 1813 the Cipher Device 811 sets up its address register 1203 and counter register 1201 for burst mode access of the RAM 309, and in state 1815, the Cipher...alternative SCS uses a 64-QAM transmitter; where the CM 113 uses a 64-QAM receiver, the alternative SCS uses a QPSK receiver; and rather than a LAN Chip 307, the alternative SCS uses a router interface. In...

**Specification:** ...node allowed for transmission sends a last data block bit in order to tell the receiver that no more data packets are coming and to give the next transmitter in the...that transmits down-stream data onto said cable in a first frequency band; and a receiver that receives data from said client stations on a second frequency band; wherein said down-stream data includes synchronization and acknowledgement signals. Each client station has a receiver that receives data on said first frequency band, and a transmitter that transmits data on...or 256-QAM (256 bit QAM) transmission format onto the fibre cable 107a. Using multiple receiver 207, the SCS 101 receives QPSK data on several channels on the fibre cable 107b. Both transmitter 205 and receiver 207 are connected to a SCS bus 203.

The SCS 101 contains a router interface 201...by a transmitter 305. In the preferred embodiment, the tuner 303 is a 64-QAM receiver and the transmitter is a QPSK transmitter.

At a high-level of description, the CM...sequence should be as random as possible to provide enough transitions for the 64-QAM receiver tuner 303 to stay in sync with the transmitter 305.

The Channel/Slot status subframe... by the Signal Conversion System (SCS) 101 to direct a CM 113 to switch its receiver to start receiving on the one designated in the request frame. The frame contains a...illustrates the operation of the device 901 in burst mode. The device 901 contains a counter register 1201 for storing the number of memory requests it needs to do. Each of the...the counter are all fed into an OR-gate 1205. When all bits in the counter register are zero, the output of the OR-gate 1205 is zero, and thus the device...data to the LAN chip 307.

Each state machine has at least a 16 bit register/counter which it uses as an address register. This register is the BASE register 1410 and...at a time. Therefore, in state 1813 the Cipher Device 811 sets up its address register 1203 and counter register 1201 for burst mode access of the RAM 309, and in state 1815, the Cipher...alternative SCS uses a 64-QAM transmitter; where the CM 113 uses a 64-QAM receiver, the alternative SCS uses a QPSK receiver; and rather than a LAN Chip 307, the alternative SCS uses a router interface. In...

7/3K/3 (Item 3 from file: 348) [Links](#)

EUROPEAN PATENTS

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00822613

**High-speed data communications network system and method**

Netzwerksystem und Verfahren zur Hochgeschwindigkeitsdatenübertragung



# Systeme et procede pour reseau de communication de donnees a grande vitesse

## Patent Assignee:

- **Hewlett-Packard Company;** (3016020)  
3000 Hanover Street; Palo Alto, CA 94304; (US)  
(Proprietor designated states: all)

## Inventor:

- **Chiu, Ran-Fun**  
1295 Montclair Way; Los Altos, CA 94024; (US)
- **Jam, Mehrban**  
595 Seville Place; Fremont, CA 94539; (US)

## Legal Representative:

- **Schoppe, Fritz (55463)**  
Schoppe, Zimmermann, Stockeler & Zinkler Patentanwalte Postfach 246; 82043 Pullach bei Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	765055	A2	19970326	(Basic)
	EP	765055	A3	20040204	
	EP	765055	B1	20051123	
Application	EP	96114644		19960912	
Priorities	US	532918		19950922	

## Designated States:

DE; FR; GB;

**Related Divisions: Patent (Application):**EP 1437865 (EP 2004008225)

**International Patent Class (V7):** H04L-012/28Abstract ...onto the cable on a down-stream channel in a first frequency band; and a receiver that receives data from the client stations on an up-stream channel in a second frequency band. The down-stream data includes synchronization signals. Each client station has a receiver that receives data on said first frequency band, and a transmitter that transmits data on...

**Abstract Word Count:** 127

**NOTE:** 1

**NOTE:** Figure number on first page: 1

Type	Pub. Date	Kind	Text
------	-----------	------	------

Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB97	1517
SPEC A	(English)	EPAB97	21756
CLAIMS B	(English)	200547	1336
CLAIMS B	(German)	200547	1378
CLAIMS B	(French)	200547	1633
SPEC B	(English)	200547	21943
Total Word Count (Document A) 23277			
Total Word Count (Document B) 26290			
Total Word Count (All Documents) 49567			

**Specification:** ...transmitter that transmits downstream data onto said cable in a first frequency band; and a receiver that receives data from said client stations on a second frequency band; wherein said down-stream data includes synchronization and acknowledgement signals. Each client station has a receiver that receives data on said first frequency band, and a transmitter that transmits data on... or 256-QAM (256 bit QAM) transmission format onto the fibre cable 107a. Using multiple receiver 207,

the SCS 101 receives QPSK data on several channels on the fibre cable 107b. Both transmitter 205 and receiver 207 are connected to a SCS bus 203.

The SCS 101 contains a router interface... by a transmitter 305. In the preferred embodiment, the tuner 303 is a 64-QAM receiver and the transmitter is a QPSK transmitter.

At a high-level of description, the CM...sequence should be as random as possible to provide enough transitions for the 64-QAM receiver tuner 303 to stay in sync with the transmitter 305.

The Channel/Slot status subframe... by the Signal Conversion System (SCS) 101 to direct a CM 113 to switch its receiver to start receiving on the one designated in the request frame. The frame contains a... illustrates the operation of the device 901 in burst mode. The device 901 contains a counter register 1201 for storing the number of memory requests it needs to do. Each of the... the counter are all fed into an OR-gate 1205. When all bits in the counter register are zero, the output of the OR-gate 1205 is zero, and thus the device...data to the LAN chip 307.

Each state machine has at least a 16 bit register/counter which it uses as an address register. This register is the BASE register 1410 and...rollover

bit 1 Payload missed buffer error counter rollover

bit 2 Received payload packets counter rollover

bit 3 Downstream control CRC error counter rollover

bit 4 Downstream control missed buffer error counter rollover

bit 5 Received downstream control packets counter rollover

bit 6 Upstream retransmission error counter rollover

bit 7 Upstream dropped packet counter rollover

bit...at a time. Therefore, in state 1813 the Cipher Device 811 sets up its address register 1203 and counter register 1201 for burst mode access of the RAM 309, and in state 1815, the Cipher... alternative SCS uses a 64-QAM transmitter; where the CM 113 uses a 64-QAM receiver, the alternative SCS uses a QPSK receiver; and rather than a LAN Chip 307, the alternative SCS uses a router interface. In...

**Specification:** ...onto said cable on a down-stream channel in a first frequency band, and a receiver that receives data from said at least one client station on an up-stream channel... station must wait prior to transmitting remaining data; and wherein each client station has a receiver that receives data in said first frequency band, logic to coordinate transmission in said second... onto said cable on a down-stream channel in a first frequency band, and a receiver that receives data from said at least one client station on an up-stream channel in a second frequency band, and wherein each client station has a receiver that receives data in said first frequency band, and a transmitter that transmits data in... or 256-QAM (256 bit QAM) transmission format onto the fibre cable 107a. Using multiple receiver 207, the SCS 101 receives QPSK data on several channels on the fibre cable 107b. Both transmitter 205 and receiver 207 are connected to a SCS bus 203.

The SCS 101 contains a router interface... by a transmitter 305. In the preferred embodiment, the tuner 303 is a 64-QAM receiver and the transmitter is a QPSK transmitter.

At a high-level of description, the CM...sequence should be as random as possible to provide enough transitions for the 64-QAM receiver tuner 303 to stay in sync with the transmitter 305.

The Channel/Slot status subframe... by the Signal Conversion System (SCS) 101 to direct a CM 113 to switch its receiver to start receiving on the one designated in the request frame. The frame contains a... illustrates the operation of the device 901 in burst mode. The device 901 contains a counter register 1201 for storing the number of memory requests it needs to do. Each of the... the counter are all fed into an OR-gate 1205. When all bits in the counter register are zero, the output of the OR-gate 1205 is zero, and thus the device... data to the LAN chip 307.

Each state machine has at least a 16 bit register/counter which it uses as an address register. This register is the BASE register 1410 and...rollover

bit 1 Payload missed buffer error counter rollover

bit 2 Received payload packets counter rollover

bit 3 Downstream control CRC error counter rollover

bit 4 Downstream control missed buffer error counter rollover

bit 5 Received downstream **control** packets counter rollover

bit 6 Upstream retransmission error counter rollover

bit 7 Upstream dropped packet counter rollover

bit ...at a time. Therefore, in state 1813 the Cipher Device 811 sets up its address **register** 1203 and **counter register** 1201 for burst mode access of the RAM 309, and in state 1815, the Cipher... alternative SCS uses a 64-QAM transmitter; where the CM 113 uses a 64-QAM **receiver**, the alternative SCS uses a QPSK **receiver**; and rather than a LAN Chip 307, the alternative SCS uses a router interface. In...

**Claims:** ...onto said cable on a down-stream channel in a first frequency band; and a **receiver** that receives data from said client stations on an up-stream channel in a second frequency band; wherein said downstream data includes synchronization signals; and

each client station having: a **receiver** that receives data on said first frequency band; and

a transmitter that transmits data on... one client station, each attached to a distinct leaf node;

each client station having:

a **receiver** that receives data on said first frequency band; and

a transmitter that transmits up-stream... a delay time indicative of the start time for said requested reserved slots; and

a **receiver** that receives data from said client stations on a second frequency band; wherein said down...

**Claims:** ...107b,111,111a) on a down-stream channel in a first frequency band, and

a **receiver** (207) for receiving data from said at least one client station (105a-105j) on an... must wait prior to transmitting remaining data; and

each client station (105a-105j) having:

a **receiver** (303) for receiving data in said first frequency band,

logic to coordinate transmission in said... 107b,111,111a) on a down-stream channel in a first frequency band, and a **receiver** (207) that receives data from said at least one client station (105a-105j) on an... channel in a second frequency band, and wherein each client station (105a-105j) has a **receiver** (303) that receives data in said first frequency band, and a transmitter (305) that transmits...

7/3K/4 (Item 4 from file: 348) [Links](#)

EUROPEAN PATENTS

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00535859

**Repeater interface controller**

Steuervorrichtung für Wiederholerschnittstelle

Contrôleur d'interface pour répéteur

**Patent Assignee:**

- **NATIONAL SEMICONDUCTOR CORPORATION;** (262382)  
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(applicant designated states: DE;FR;GB;IT;NL)

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769 N. Second Street; San Jose, California 95112; (US)
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**Legal Representative:**

- **Horton, Andrew Robert Grant et al (32021)**  
BOWLES HORTON Felden House Dower Mews High Street; Berkhamsted Hertfordshire HP4 2BL; (GB)

	Country	Number	Kind	Date	
Patent	EP	495575	A1	19920722	(Basic)
	EP	495575	B1	19970806	
Application	EP	92300103		19920107	
Priorities	US	643208		19910118	

**Designated States:**

DE; FR; GB; IT; NL;

**International Patent Class (V7):** H04L-012/26; H04L-012/44; H04L-012/46; **Abstract Word Count:** 100

Type	Pub. Date	Kind	Text
------	-----------	------	------

Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)		1143
SPEC A	(English)		19095
CLAIMS B	(English)	9708W1	341
CLAIMS B	(German)	9708W1	289
CLAIMS B	(French)	9708W1	390
SPEC B	(English)	9708W1	8095
Total Word Count (Document A) 20240			
Total Word Count (Document B) 9115			
Total Word Count (All Documents) 29355			

**Specification:** ...the information is specific to each port, each RIC port has its own event record **register** and event **counter**.

In accordance with an aspect of the present invention, the counters and event record registers... ..data integrity is maintained.

For a simultaneous occurrence of a processor access of a **flag/counter register** and a count operation, the flag status/count value could be either (i) one before ... ..of a 16-bit virtual data bus from an 8-bit physical data bus during **counter register** accesses. A processor read to one of the counter registers causes the contents of this...or all, wed to roll over to all zeros. The freeze when full bit "FWF" **prevents counter roll over** by inhibiting count up-cycles (these happen when chosen events occur), thus freezing the particular... ..byte of the counter is obtained, the holding register is accessed and not the actual **counter register**. This insures that the upper ...register (PSR(3)), the repeat byte count registers (PSR(4), (5)), and the interframe gap **counter idle register** (PSR(6)).

A collision timer counts in bit times the time of between the start...and dc level. When in the twisted pair mode, the squelch implements dc hysteresis for **receiver** turn off.

The RIC's output drivers are configured as current drivers to transmit AUI... indicating a false count value. In order to enter a new value to the holding register, a different counter must be accessed or the same counter byte must be re-read.

It should be...

**Specification:** ...a local area network, the repeater interface controller comprising: a central node that includes: central receiver means for receiving data packets, repeater means responsive to receipt of the data packets by the central receiver means for repeating each of the data packets to form repeated data packets, and central... to a corresponding one of the plurality of segments, each port node including: first port receiver means for receiving data packets from said corresponding segment of the local area network; and first port transmitter means for transmitting the data packets received by the first port receiver means to the central node.

The invention is characterised in that each port node includes...central node while said port node is identified as the source port node; second port receiver means for receiving the repeated data packets from the central node; second port transmitter means for transmitting the repeated data packets received by the second port receiver means to said corresponding segment when said port node is not identified as the source port node, and for transmitting the repeated data packets received by the second port receiver means to said corresponding segment when said port node is identified as the source port... generated test signal is present; and collision detection means for identifying when the first port receiver means is receiving data packets at the same time that the second port transmitter means...

**Claims:** ...local area network, the repeater interface controller comprising:

a central node (28) that includes:

central receiver means for receiving data packets,

repeater means responsive to receipt of the data packets by the central receiver means for repeating each of the data packets to form repeated data packets, and

central... to a corresponding one of the plurality of segments, each port node including:

first port receiver means for receiving data packets from said corresponding segment of the local area network; and

first port transmitter means for transmitting the data packets received by the first port receiver means to the central node, characterised in that each port node includes:

priority means for... central node while said port node is identified as the source port node;

second port receiver means for receiving the repeated data packets from the central node;

second port transmitter means for transmitting the repeated data packets received by the second port receiver means to said corresponding segment when said port node is not identified as the source port node, and for transmitting the repeated data packets received by the second port receiver means to said corresponding segment when said port node is identified as the source port... generated test signal is present; and

collision detection means for identifying when the first port receiver means is receiving data packets at the same time that the second port transmitter means...

7/3K/5 (Item 1 from file: 349) [Links](#)

PCT FULLTEXT

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00434918

**DISTRIBUTED TELECOMMUNICATIONS SWITCHING SYSTEM AND METHOD**

**SYSTEME REPARTI DE COMMUTATION EN TELECOMMUNICATIONS ET PROCEDE CORRESPONDANT**

**Patent Applicant/Patent Assignee:**

• DSC TELECOM L P;

;;

	Country	Number	Kind	Date
Patent	WO	9825382	A2	19980611

Application	WO	97US22935		19971204
Priorities	US	9632609		19961204

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

Publication Language: English

Filing Language:

Fulltext word count: 41455

**Detailed Description:**

...is successfully enqueued.

A background software task modifies the Time-stamp[] field when necessary to **prevent roll over** errors for each of the 2000 virtual circuits. The system time base counter increments at...the last time a cell was processed

- h/w updates when cell processed

- slw task **prevents roll over** errors

bit 30 Force-discard - when 1, discards [all] cells when

VC-limit is exceeded...x reg-port(x]

3 3 3 Other Registers

other registers include a scheduler cell **counter register**, a BFD-to-free-list FIFO, and others.

**3.4 Real Time Controls**

The deadline ...OC-n Optical Carrier hierarchy

OLU Optical Line Unit

ONU Optical Network Unit

ORM Optical **Receiver** Module

PDU Packet Data Unit

PHS Per Home Scheduler

PHY Physical Layer (ATM protocol stack... ..Switching Unit

SAM Service Access Mux

SDV Switched Digital Video

SPS Service Provider system

**STE Set-Top Box**

STU Set-Top Unit

TC Transmission Convergence (ATM protocol stack layer)

TDM Time Division Multiplex...

**Claims:**

...The distributed telecommunications switching subsystem of Claim 42, wherein the first switching unit comprises: a **receiver** operable to receive the status feedback signal; and a transmitter operable to transmit the status...

7/3K/6 (Item 2 from file: 349) [Links](#)

PCT FULLTEXT

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00296755

**MODULAR LASER GYRO**

GYROSCOPE A LASER MODULAIRE

**Patent Applicant/Patent Assignee:**

• HONEYWELL INC;

;;

	Country	Number	Kind	Date
Patent	WO	9514906	A2	19950601
Application	WO	94US13689		19941129
Priorities	US	93161555		19931129

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

Publication Language: English

Filing Language:

Fulltext word count: 36640

**Detailed Description:**

...an A/D converter, a microprocessor with built-in test functions, a high speed asynchronous **receiver** transmitter, and a lookup table. A path length control apparatus provides a path length control... configuration and control mechanism that utilizes an onboard microcontroller with a high speed Universal Asynchronous **Receiver** Transmitter (UART) that interfaces through a

**Claims:**

...logic techniques. The microcontroller 100 further includes a communications device such as a universal asynchronous **receiver** /transmitter (UART) 202 which communicates to an external processing system 210 through transmit line...flows to 242 to set up the interrupts for the real time clock, the transmit **receiver**, the high speed input logic, and high speed output logic and software interrupt. The process...to a maximum value of 100% PWM and a minimum of 0% PWM to **avoid rollover** of the register. In this embodiment of the invention the limiting value may be 0...results of the A/D conversion and the output 1222 of the edge triggered readout **counter register** 1220 to perform dither stripping operations. The second A/D converter 1214 provides a digital...built in test equipment (BITE) register 334. The microcontroller 100 further includes a universal asynchronous **receiver**-transmitter (UART) 202 which communicates to an external system 210 through transmit line 206...further comprising a self test apparatus

comprising: a microprocessor with a high speed universal asynchronous **receiver** transmitter (UART) and a peripheral transaction system controlling the UART; a transmit line connected to...The modular laser gyro of claim 21 wherein the microcontroller further comprises an universal asynchronous **receiver** transmitter (UART) which is integral to the microcontroller and connected through transmitting and receiving 5..

[File 9] **Business & Industry(R)** Jul/1994-2007/May 16  
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[File 15] **ABI/Inform(R)** 1971-2007/May 17  
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[File 47] **Gale Group Magazine DB(TM)** 1959-2007/May 08  
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(c) 2007 The Gale Group. All rights reserved.

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(c) 2007 The Gale Group. All rights reserved.

[File 98] **General Sci Abs** 1984-2007/May  
(c) 2007 The HW Wilson Co. All rights reserved.

[File 112] **UBM Industry News** 1998-2004/Jan 27  
(c) 2004 United Business Media. All rights reserved.  
*\*File 112: File 112 is no longer updating.*

[File 160] **Gale Group PROMT(R)** 1972-1989  
(c) 1999 The Gale Group. All rights reserved.

[File 275] **Gale Group Computer DB(TM)** 1983-2007/May 16  
(c) 2007 The Gale Group. All rights reserved.

[File 264] **DIALOG Defense Newsletters** 1989-2007/May 16  
(c) 2007 Dialog. All rights reserved.

[File 484] **Periodical Abs Plustext** 1986-2007/May W2  
(c) 2007 ProQuest. All rights reserved.

[File 553] **Wilson Bus. Abs.** 1982-2007/May  
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[File 570] **Gale Group MARS(R)** 1984-2007/May 16  
(c) 2007 The Gale Group. All rights reserved.

[File 620] **EIU:Viewswire** 2007/May 16  
(c) 2007 Economist Intelligence Unit. All rights reserved.

[File 621] **Gale Group New Prod.Annou.(R)** 1985-2007/May 16  
(c) 2007 The Gale Group. All rights reserved.

[File 623] **Business Week** 1985-2007/May 17  
(c) 2007 The McGraw-Hill Companies Inc. All rights reserved.

[File 624] **McGraw-Hill Publications** 1985-2007/May 17  
(c) 2007 McGraw-Hill Co. Inc. All rights reserved.

*\*File 624: Homeland Security & Defense and 9 Platt energy journals added Please see HELP NEWS624 for more*

[File 634] **San Jose Mercury** Jun 1985-2007/May 16  
(c) 2007 San Jose Mercury News. All rights reserved.

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(c) 2007 ProQuest Info&Learning. All rights reserved.



[File 636] **Gale Group Newsletter DB(TM)** 1987-2007/May 16  
(c) 2007 The Gale Group. All rights reserved.

[File 647] **CMP Computer Fulltext** 1988-2007/Aug W1  
(c) 2007 CMP Media, LLC. All rights reserved.

[File 696] **DIALOG Telecom. Newsletters** 1995-2007/May 16  
(c) 2007 Dialog. All rights reserved.

[File 674] **Computer News Fulltext** 1989-2006/Sep W1  
(c) 2006 IDG Communications. All rights reserved.  
*\*File 674: File 674 is closed (no longer updates).*

[File 810] **Business Wire** 1986-1999/Feb 28  
(c) 1999 Business Wire. All rights reserved.

[File 813] **PR Newswire** 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc. All rights reserved.

[File 587] **Jane's Defense&Aerospace** 2007/May W1  
(c) 2007 Jane's Information Group. All rights reserved.

Set	Items	Description
S1	3352	S COUNTER?? (3N) (MEMORY OR REGISTER OR RAM OR DYNAMIC)
S2	91	S (MINIMUM OR MINIMIZ??? OR REDUC? OR EMPTY OR RESET? OR CHANG? OR DIVID??? OR HALF OR REORDER OR RENUMBER OR CHANG??? OR ROLLOVER?? OR ROLL()OVER??) (3N) S1
S3	3539	S (ELIMINAT??? OR PREVENT??? OR AVOID??? OR STOP? OR CONTROL?? OR CONTROLLING OR MANAG?) (3N) (ROLLOVER?? OR ROLL()OVER??)
S4	380	S AU=(CANDELORE, B? OR CANDELORE B? OR GUO, Z? OR GUO Z?)
S5	711863	S STB OR SET()TOP()BOX OR SETTOP()BOX OR RECEIVER?? OR INTERFACE GRAPHIC?()USER()INTERFACE?? OR GUI OR STT OR SET()TOP()TERMINAL?? OR (CATV OR SUBSCRIBER OR CABLE) (3N) (BOX OR CONVERTER)
S6	0	S (S1 OR S2) AND S3
S7	75	S S3 AND S5
S8	57	RD S7 (UNIQUE ITEMS)
S9	25	S S8 NOT PY>2000

9/3,K/1 (Item 1 from file: 15) Links  
ABI/Inform(R)  
(c) 2007 ProQuest Info&Learning. All rights reserved.  
02374100 115926268  
**The Year 2000 crisis: the ongoing business**

Koh, Seokha; Lee, Sooun; Yen, David C  
Industrial Management + Data Systems v100n2 pp: 67-75  
2000  
ISSN: 0263-5577 Journal Code: IDS  
Word Count: 5223  
Text:

...There also had been a worry that some old models of Global Positioning Satellite (GPS) **receivers** might recognize August 22, 1999, as January 5, 1980 (MITRE 1999, /GPS.html).

Induced problems...fail to resolve the Y2K problems properly, however, will confront a severe challenge after the **rollover**. The crisis **management** capacity of organizations will be put into doubt and the relationship with customers and the...

9/3,K/2 (Item 2 from file: 15) [Links](#)  
ABI/Inform(R)  
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01966780 47357485  
**Inventing the future**

Leavitt, Wendy  
Fleet Owner v94n12 pp: 31-32  
Dec 1999  
ISSN: 1070-194X Journal Code: FOW  
Word Count: 663

**Abstract:**

...system will also be available, according to the company. The system is intended to help **prevent rollover** crashes by alerting the driver to potentially dangerous driving behaviors and/or by automatically slowing the vehicle to **prevent rollover**. Other new safety offerings from Freightliner are also discussed.

**Text:**

...system will also be available, according to the company. The system is intended to help **prevent rollover** crashes by alerting the driver to potentially dangerous driving behaviors and/or by automatically slowing the vehicle to **prevent rollover**.

There are two integrated components: Roll Stability Advisor and Roll Stability Control. Both utilize sensors...

...an attitude." It combines an onboard vehicle computer with AM/FM stereo, a weather/RDS **receiver**, a compact disc player, and GPS, and interfaces to wireless communications systems. The unit fits...

9/3,K/3 (Item 3 from file: 15) [Links](#)  
ABI/Inform(R)  
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01836760 04-87751  
**Preparing carriers for Y2K**

Donovan, Teri; Rosson, Bob; Eichstadt, Brad  
Telephony v236n23 pp: 180-188  
Jun 7, 1999  
ISSN: 0040-2656 Journal Code: TPH  
Word Count: 2335  
**Text:**

...communications department. Again, the message content may be different based on the different categories of **receivers**.

(Chart Omitted)

Captioned as: FIGURE 3

The failure scenario is easier to identify but much...

...the appropriate format, then the decision will be at what interval. Once again, if the **receivers** of the communication know when to ...after the Jan. 1 rollover. Should be no later than a couple of weeks after **rollover**.

Work force management. Scheduling of work dispatch. Dispatch scheduled prior to Jan. 1, 2000, but actual dispatch of...

9/3,K/4 (Item 4 from file: 15) Links

ABI/Inform(R)

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01543898 01-94886

**The economics of bankruptcy, reorganization, and liquidation**

Hashi, Iraj

Russian & East European Finance & Trade v33n4 pp: 6-34

Jul/Aug 1997

ISSN: 1061-2009 Journal Code: SOV

Word Count: 13934

Text:

...15 is more complicated. Any secured creditor with a fixed charge may appoint its own **receiver**, who will take control of the charge (the asset used as security for that particular creditor). Here the **receiver** represents the interests of the "appointor" (the single creditor who appointed her/him). Alternatively, a secured creditor with a "floating charge" may appoint an "administrative **receiver**" to take control of all assets (except those with fixed charges) and to be responsible to all creditors, albeit in some order of priority. Either type of **receiver** will have to decide whether the firm should be retained as a going concern or be wound down. A **receiver** cannot dispose of the asset over which he/she has been appointed if it affects...

...normal operation of the company unless a decision is made to liquidate the company.

The **receivers'** preferences and behavior are influenced by the prevalent incentive mechanisms. Most often, the **receivers** prefer to liquidate the company in order to meet the claims of their "appointors." Their...

...for the appointment of a liquidator at any time, encourages the tendency toward liquidation. (A **receiver** and a liquidator may be appointed at the same time.) Furthermore, a **receiver** faces a potential conflict between the interests of the individual appointor and those of other creditors. The law has placed various restrictions on **receivers** in order to ensure that they will try to obtain the maximum possible proceeds from the disposal of assets and other activities. 16 These restrictions also strengthen **receivers'** preference for liquidation.

The 1986 Act offered the management and creditors of companies in financial ...

...Here, the Companies Court appoints an "administrator," with precedence over both the "liquidator" and the "**receiver**," to take charge of the company. The administrator has three months to prepare a plan...

...floating charge, are able to block the appointment of the administrator by appointing their own **receiver** or liquidator. In other words, the administrator can only be appointed if the majority of...

...appointment of "administrators" compares very poorly with "several thousands" of cases involving the appointment of **receivers**.18

Finally, as in the United States, the 1986 Act allows for the possibility of...judiciaire). The decree involves an "observation phase" (periode

d'observation) and the appointment of a **receiver** (administrateur judiciaire). During the observation phase, the **receiver** (whose powers are determined by the court) will assess the firm's economic and social conditions and the possibility of its rehabilitation. The **receiver**, after the completion of his/her assessment and negotiation with interested parties, may recommend rehabilitation...

...to pay some or all of the creditors within a specified time period. Alternatively, the **receiver** may decide that the firm has little chance of survival and should be liquidated, in...

...of the firm's assets (but not its liabilities) for an agreed-upon price.

The **receiver** has six months to prepare a plan for the court, a period that may be...

...phase and the implementation of the consequent plans are priority claims.<sup>34</sup>

Finally, if the **receiver** cannot complete a "continuation" or a "disposal" plan, the court will issue a judgment of...

...the French code empowers the courts to approve or reject the plan prepared by the **receiver** without requiring the creditors' majority approval. Of course, the **receiver** is required by the court to "consult" the firm's management, employee representatives, creditors, and ...of budget constraints. There is potential for reaching an implicit understanding by bank and enterprise **managers** to **roll over** past credits and lobby for (and await) government support.

On the positive side, the redistribution...floating charge will become a fixed charge and the creditor may appoint a representative (the **receiver**) to take control of it.

16. The "**receiver**" is personally liable for events after her/his appointment. Other creditors, for example, may file law suits against the **receiver** if they feel that their interests have been damaged by the activities of the **receiver**-thus the tendency to opt for liquidation as the safest option. See Franks and Torous...

...the U.K. Insolvency Act of 1986, and particularly the nature of different types of "**receivers**," is rather confused). Mitchell's paper also includes a brief description of the Japanese bankruptcy...

9/3,K/5 (Item 1 from file: 16) Links

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08305428 Supplier Number: 69299930 (USE FORMAT 7 FOR FULLTEXT)

Safety options expand.(cars made safer)

DeMeis, Rick

Design News , v 55 , n 19 , p 102

Oct 2 , 2000

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Refereed ; Academic Trade

Word Count: 1436

...computer processing power, safety is spreading in cars. Two new developments: radar-based adaptive cruise **control** and **rollover** injury protection.

Radar love. Automotive radar is one of those technologies that, from the 1950s...

...speed, Distronics adds braking to maintain separation distance. Three front-looking microwave radar transmitters and **receivers**, positioned in the grill, generate microwave (77 GHz) radar pulses. These are used two ways...

9/3,K/6 (Item 2 from file: 16) [Links](#)

Gale Group PROMT(R)

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07926403 **Supplier Number: 65353128 (USE FORMAT 7 FOR FULLTEXT)**

**Sensors Measure Up To Emerging Automotive Safety Standards.(Technology Information)**

Morrison, David

Electronic Design , v 48 , n 18 , p 129

Sept 5 , 2000

**Language:** English **Record Type:** Fulltext Abstract

**Document Type:** Magazine/Journal ; Trade

**Word Count:** 4084

...rate sensors in one unit. This will provide centralized measurement in stability control, intelligent cruise **control**, and **rollover** detection, as well as incident monitoring systems.

These angular rates produce an oscillating torque on...meet future FCC cell-phone requirements. GPS would be sufficient by itself, if the GPS **receiver** didn't lose lock with its satellites. Unfortunately, this occurs frequently in urban environments. But...

9/3,K/7 (Item 3 from file: 16) [Links](#)

Gale Group PROMT(R)

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07478993 **Supplier Number: 62728684 (USE FORMAT 7 FOR FULLTEXT)**

**MICROSENSORS ACCELERATES OPPORTUNITIES FOR MICROMACHINED GYROS.**

Sensor Business Digest , v 9 , n 6 , p NA

June , 2000

**Language:** English **Record Type:** Fulltext

**Document Type:** Newsletter ; Trade

**Word Count:** 1661

...for the Silicon MicroRing Gyro that are promising include automotive (e.g., ABS anti-skid **control**, **rollover** detection/**rollover** airbags, inertial guidance for GPS navigation systems, and load leveling control); consumer electronics (e.g., handheld appliances, GPS **receivers**, virtual reality gear, 3D mouse, camcorders, and sports equipment); toys/games (e.g., video game...

9/3,K/8 (Item 4 from file: 16) [Links](#)

Gale Group PROMT(R)

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07257704 **Supplier Number: 61699185 (USE FORMAT 7 FOR FULLTEXT)**

**SENSOR MARKETS AND TECHNOLOGIES UPDATE: ADI ACCELERATES AUTOMOTIVE SENSING.**

Sensor Business Digest , v 9 , n 4 , p NA

April , 2000

**Language:** English **Record Type:** Fulltext

**Document Type:** Newsletter ; Trade  
**Word Count:** 1717

...are finding opportunities in automotive car alarm, car navigation, tire pressure monitoring, vehicle dynamics/stability **control**, and **rollover** detection applications. In such applications, their accelerometers will provide input based on acceleration/deceleration, tilt ...detection, where it would measure the strength of the signal from the infrared or ultrasound **receiver** to help the system decide whether to activate the vehicle's airbag.

"The AD8310 extends...

...range. A signal's dynamic range depends on such variables as its distance from the **receiver**.

For instance, in an automotive toll tag application, the signal emanating from the toll tag...

9/3,K/9 (Item 5 from file: 16) [Links](#)

Gale Group PROMT(R)

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07214765 **Supplier Number:** 59971392 (USE FORMAT 7 FOR FULLTEXT)

**Trucks: more than freight haulers.(1999 SAE International Truck & Bus Meeting & Exposition)**

Buchholz, Kami

Automotive Engineering International , v 108 , n 2 , p 86

Feb , 2000

**Language:** English **Record Type:** Fulltext

**Document Type:** Magazine/Journal ; Academic Trade

**Word Count:** 1355

...an onboard computer, communications interface, vehicle information display, global positioning system, AM/FM stereo, weatherband **receiver**, and compact disc player. The system has universal serial bus connections -- for devices such as...

...of rollover potential via the driver message center, and/or slows the vehicle to help **prevent rollover** by reducing engine power and applying the engine brake from control unit commands.

Another driver...

9/3,K/10 (Item 6 from file: 16) [Links](#)

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06601365 **Supplier Number:** 55615279 (USE FORMAT 7 FOR FULLTEXT)

**Raytheon Control-By-Light Technology to Prevent Truck Rollover Crashes to Be Unveiled at NTSB Hearing.**

PR Newswire , p 8849

August 31 , 1999

**Language:** English **Record Type:** Fulltext

**Document Type:** Newswire ; Trade

**Word Count:** 709

**Raytheon Control-By-Light Technology to Prevent Truck Rollover Crashes to Be Unveiled at NTSB Hearing.**

...passengers and goods on our highways. By demonstrating that this system can be used to **prevent rollovers** of heavy rigs, we believe

that the technology can then be adapted for buses, lighter...

...and all information will be used to build a database. Onboard Global Positioning System (GPS) **receivers**, also provided by Raytheon, will provide precise position information while the truck is on the...

9/3,K/11 (Item 7 from file: 16) [Links](#)

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05400824 **Supplier Number: 54474571 (USE FORMAT 7 FOR FULLTEXT)**

### **3D POWER TO SPARE.**

GIAMBRUNO, MARK

Interactivity, v 3, n 12, p 50(1)

Dec, 1997

**Language:** English **Record Type:** Fulltext

**Document Type:** Magazine/Journal ; Trade

**Word Count:** 3312

...the book is clear, well written, and packed with illustrations.

At first glance, PowerAnimator's **GUI** looks like a typical 3D modeling application, with a number of icons and menus arranged...vertical positions (overhead views) can suddenly roll around and remain upright. The up vector reference **prevents** this **rollover** problem in PowerAnimator.

The cameras' real-world controls are also helpful. You can adjust the ...interface and workflow, calling the new development effort Project Maya. This should help overcome Alias **GUI** weaknesses and inconsistencies. Depending on how well Maya works out, it could widen the gulf... invasion on the big screen. In short, while the package is still pricey and the **GUI** is in need of more modernization, no one can argue with the results--they speak...

9/3,K/12 (Item 8 from file: 16) [Links](#)

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05400800 **Supplier Number: 54474543 (USE FORMAT 7 FOR FULLTEXT)**

### **Web Audio becomes interactive.(Product Information)**

BREMSER, WAYNE

Interactivity, v 3, n 11, p 45(1)

Nov, 1997

**Language:** English **Record Type:** Fulltext

**Document Type:** Magazine/Journal ; Trade

**Word Count:** 5510

...in player. After seeing how the player works, you can create your own custom player **GUI**.

Like most Netscape plug-ins, Beatnik works with the [less than]EMBED[greater than] tag...

...and WIDTH.

#### **Custom Control Panels**

The next step is to create your own custom player **GUI**. It can be made up of virtually any element commonly found on a Web page...for that matter), including control over tempo, pitch, orchestration, and so on. An excellent music **GUI** that includes unusual (for the Web) features such as multi-state button graphics is Thomas...

...to replace the text with images.

Driving MIDI playback, with its inherent opportunities for interactive **control**, **rollover** opens new vistas for interactive music. Consider the virtual harp created by Paul Sebastien (www  
...

9/3,K/13 (Item 9 from file: 16) [Links](#)

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01617077 **Supplier Number: 41994666 (USE FORMAT 7 FOR FULLTEXT)**

**Associates offers special credits for fleet-tracking radio systems**

Traffic World , p 20

April 8 , 1991

**Language:** English **Record Type:** Fulltext

**Document Type:** Magazine/Journal ; Trade

**Word Count:** 331

...the location of each vehicle within one-quarter of a mile when equipped with a **receiver** option.

Associates is offering rate credits of 3 percent for Motorola's basic system, 5...

...data-terminal option, and 7 percent for the basic system with the mobile terminal and **receiver** options.

"It gives both managers and drivers far greater flexibility and control in a number...

...one-third of all premium dollars are paid out in claims due to collisions and **rollovers**.

"**Management** enhancements afforded by CoveragePlus, including the possibility of a reduction in both weather-related accidents...

9/3,K/14 (Item 1 from file: 20) [Links](#)

Dialog Global Reporter

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08841143 **(USE FORMAT 7 OR 9 FOR FULLTEXT)**

**GTE Encourages Customers to Resist Temptation to Test Phones During Year 2000 Rollover to Avoid Network Congestion**

BUSINESS WIRE

December 22, 1999

**Journal Code:** WBWE **Language:** English **Record Type:** FULLTEXT

**Word Count:** 1011

**(USE FORMAT 7 OR 9 FOR FULLTEXT)**

**GTE Encourages Customers to Resist Temptation to Test Phones During Year 2000 Rollover to Avoid Network Congestion**

...on Friday, Dec. 31. If thousands of people in a given area pick up telephone **receivers** at the same time, using any telephone system in the United States, the system's...

9/3,K/15 (Item 2 from file: 20) [Links](#)

Dialog Global Reporter

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06825913 **(USE FORMAT 7 OR 9 FOR FULLTEXT)**

**Global Positioning System Rollover Could Give Boaters, Hikers Problems**



Don Sheron  
KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (SAN ANTONIO EXPRESS-NEWS - TEXAS)  
August 19, 1999  
Journal Code: KSAE Language: English Record Type: FULLTEXT  
Word Count: 467  
(USE FORMAT 7 OR 9 FOR FULLTEXT)

...new almanac, which runs on a timetable of 1,023 weeks, will prevent most GPS receivers from reverting back to week zero.

The original timetable of 1,023 weeks started on...

...to 1980, they may search for the positions of the satellites in that year. GPS receivers about two years or older that are turned on when this rollover occurs may malfunction...

...on Saturday, turn off the unit for a while, then turn it back on. The receivers should take 10 to 15 minutes to find the satellites' new positions.

The "end-of...

...with time-keeping.

But GPS units can be affected by the Year 2000 glitch.

"GPS receivers have a real-time clock, just like PCs," Fowler said. If a receiver performs date calculations during the rollover, it could stop working. But "the majority that will fail will recover if you recycle power," he added...

...Year 2000 Information Center at (888) USA-4-Y2K. Owners will need to know their receiver's model and serial numbers and the software release date that is displayed on the...

...Fowler said low-end consumer models 2 years old or older and possibly some new receivers may be affected by the rollover. Some units may be so dated that the manufacturers...

9/3,K/16 (Item 3 from file: 20) [Links](#)

Dialog Global Reporter

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06818603 (USE FORMAT 7 OR 9 FOR FULLTEXT)

HEALTH AND SAFETY EXECUTIVE / HSE ISSUES REMINDER ABOUT GPS ROLLOVER (617)

HERMES-GOVERNMENT PRESS RELEASES

August 17, 1999

Journal Code: WHER Language: English Record Type: FULLTEXT

Word Count: 542

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...concerned that rollover of some Global Positioning Systems (GPS) could cause problems for some GPS receivers from 19 August.

The original GPS design allocated a 10-digit binary counter to record

...

...at least two other independent Dynamic Positioning references on line at the time of the rollover; 4. Stop project operations and maintain a safe position if deemed necessary in the light of current operational circumstances.'

Those wishing to check with their **receiver** manufacturer to find out if their GPS **receiver** and applications are rollover-compliant may wish to visit the website [www. navcen. uscg. mil](http://www.navcen.uscg.mil)...

...Coast Guard Navigation Center, where the US Department of Transportation has posted a list of **receiver** manufacturers and contacts.

Notes to editors

1. GPS is a satellite-based system that allows (for example) operators of vessels, aircraft and vehicles who use electronic **receivers** to determine their location. As well as being a positioning system GPS can act as...

...roll back to zero. This could present a problem for consumers who use older GPS **receivers** and related applications. This is because after August 21, 1999, **receivers** could process satellite data incorrectly and display inaccurate information.

2. HSE forewarned that such GPS...

9/3,K/17 (Item 4 from file: 20) Links

Dialog Global Reporter

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06794136 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Global Positioning System Users Brace for Time Adjustment

Andrew Zajac

KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (CHICAGO TRIBUNE - ILLINOIS)

August 19, 1999

Journal Code: KCTR Language: English Record Type: FULLTEXT

Word Count: 987

(USE FORMAT 7 OR 9 FOR FULLTEXT)

Millions of GPS **receivers** that collect positioning data and precise time from satellites for military and marine navigation, surveying...

...rollover with nary a burp.

But there is a chance that an unknown number of **receivers**, particularly older models, may malfunction, either by displaying inaccurate information or by ceasing to work...

...Peter deJager, a Toronto-based authority on end-of-millennium computer glitches.

Despite the presumed **manageability** of **rollover**, however, "human nature being what it is, I'd bet a few thousand dollars that...

...than 50 bits per second, so we engineered the minimum data content to make a **receiver** work," said Air Force Col. Neil McCasland, chief engineer on the EOW rollover program.

A...

...to GPS owners to figure out if their units will handle the clock change. Generally, **receivers** manufactured after 1995, which are the majority of those in service, are thought to be...

...operates a web site <http://www.navcen.uscg.mil/gps/default.htm>, which lists GPS **receiver** manufacturers and contact information.

More help is available from a hotline, 1-888-USA4Y2K, run...

...Michael Solomon, applications engineering manager for the GPS product unit, said "We have tested our **receivers** back to the early 90s and haven't had a problem. It should be just...

...have any issues," he said.

Raytheon Marine Corp., of Manchester, NH, which has made GPS receivers for boats since 1990, is similarly confident. "All of our receivers are going to go through it fine," said product support specialist Brian Gifford.

Gifford suggested...

9/3,K/18 (Item 1 from file: 47) [Links](#)

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05517220 **Supplier Number: 58632729 (USE FORMAT 7 OR 9 FOR FULL TEXT)**

**Risk Reduction.(Brief Article)**

Bennett, Stephen

Truck Fleet Management , 77 , 12 , 34

Dec , 1999

**Document Type: Brief Article**

ISSN: 1090-1507

**Language: English Record Type: Fulltext**

**Word Count: 772 Line Count: 00066**

...Orlando, FL.

Roll Advisor & Control, developed in conjunction with Mentor WABCO, is designed to help prevent rollover accidents. It is scheduled to be available in late 2000, and will be standard equipment...

...The new Truck Productivity Computer combines a vehicle computer with AM/FM stereo and weatherband receiver, compact disc player and interfaces to wireless systems. "Truck Productivity Computer consolidates and optimizes many...

9/3,K/19 (Item 1 from file: 275) [Links](#)

Gale Group Computer DB(TM)

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02428787 **Supplier Number: 63912162 (Use Format 7 Or 9 For FULL TEXT)**

**TelAlert 5.0 From Telamon.(Product Announcement)**

Call Center Solutions , 19 , 1 , 24

July , 2000

**Document Type: Product Announcement**

ISSN: 1521-0774

**Language: English Record Type: Fulltext**

**Word Count: 226 Line Count: 00022**

**Text:**

...way messaging and strengthening TelAlert's appeal to the field service industry. A Windows-like GUI interface was also added to simplify operation for Windows users and administrators. New features include...

...and user-chosen functionality, improved support for Dialogic telephony cards on PBX systems and greater control of log file rollover

. TelAlert server runs on Windows NT, and on over 13 different UNIX platforms.

9/3,K/20 (Item 1 from file: 553) [Links](#)

Wilson Bus. Abs.

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04098837 **H.W. Wilson Record Number: BWBA99098837**

**Inventing the future: new safety, productivity offerings from Freightliner.**

Leavitt, Wendy  
Fleet Owner v. 94 no12 (Dec. 1999) p. 31-2  
Language: English

**Abstract:** ...also become available later in the year. The objective of this system is to help **prevent rollover** crashes by drawing the driver's attention to potentially dangerous driving behaviors and/or automatically slowing the vehicle to **prevent rollover**. Other products introduced by Freightliner include a new lane departure warning system called Lane Guidance... ..Productivity Computer, which combines an onboard vehicle computer with AM/FM stereo, a weather/RDS **receiver**, a compact disc player, and GPS.

9/3,K/21 (Item 1 from file: 623) [Links](#)  
Business Week

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00745490  
A WARM-UP FOR THE Y2K GLITCH: The GPS system needs  
its clock reset  
By Marcia Stepanek in New York

Business Week, Number 3599, Pg 87  
October 12, 1998  
JOURNAL CODE: BW  
SECTION HEADING: Information Technology: SOFTWARE ISSN: 0007-7135  
WORD COUNT: 1,428

**TEXT:**

...it's not clear how many of the estimated

3 million military and commercial GPS **receivers** will be able to handle the rollover. **Receivers** designed to accommodate the date--mostly those made after 1995--shouldn't be affected because their software was programmed to interpret the new cycle. But experts say many older commercial **receivers** are ``rollover-dumb'' and could suffer a range of problems from minor glitches in service...

...accuracy of time-stamping on critical financial transactions. Some worry that when the rollover occurs, **receivers** may start thinking it's Jan. 5, 1980--the date the current GPS period began...

... of date-doomed computer code. Instead, it's a matter of determining whether your GPS **receiver** needs to be replaced--or upgraded with a software patch that will ``trick'' the **receiver** into thinking the August rollover date will never come.

But getting the word out to all those who own or use **receivers** is proving tough. For the most part, big businesses and government agencies expect to have...

... have already made fixes by then. AT&T says it has upgraded or replaced any **receivers** that could have been a problem. And Boeing Co. says it has the rollover problem under control. ``We started testing for this back in 1994, and so we don't anticipate any...

... have trouble wading through all the products and manufacturers. More

than 375 models of GPS **receivers** are on the commercial market from more than 60 makers. Charles Trimble, founder of Trimble Navigation Ltd., a Silicon Valley GPS **receiver** maker, says the task of addressing the commercial market is ``next to impossible. No manufacturer...

...in time. ``We don't have a good sense of how many of the commercial **receivers** we bought will be affected. It's not a majority, but there could be many...

... spokesman for the military's GPS program office in Los Angeles. The agency is upgrading **receivers** in the six GPS ground stations around the globe.

Defense's plans for all military...

...congressional panel looking into the rollover problem.

What to do? If you have a GPS **receiver**, contact the manufacturer. ``Only the manufacturer will be able to figure out by testing which **receiver** will have problems and which ...age.'' And, perhaps, a warning of its power.

Another Date to Remember  
Global Positioning Satellite **receivers** could go haywire  
on Aug. 22, 1999.

#### CONSUMER RECEIVERS

Navigational aids, including handheld GPS guides for hikers, onboard GPS boating and routing devices, and...

...and Garmin ([www.garmin.com](http://www.garmin.com)), which have information about the problem on Web sites.

#### COMMERCIAL RECEIVERS

Precision timing devices used to help companies synchronize factory equipment, monitor and enable financial-services...

... whether these timers are dependent on GPS signals. If so, contact the manufacturer if the **receiver** needs upgrading.

#### UTILITIES RECEIVERS

Automated power systems that rely on GPS signals to synchronize power allotments to customers and...  
...lines.

#### THE FIX

Public utility commissions are urging local power companies to determine whether their **receivers** depend on GPS technology and whether these systems need to be upgraded.

DATA: DATUM INC...

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00966665

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Business Week, Number 3599, Pg 87  
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Public utility commissions are urging local power companies to determine whether their receivers depend on GPS technology and whether these systems need to be upgraded.

DATA: DATUM INC...

9/3,K/23 (Item 2 from file: 624) Links  
McGraw-Hill Publications

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00950505

Y2K and Business Aviation: If your flight department  
isn't ready for the big rollover, don't worry--you aren't alone

By Mal Gormley

Business & Commercial Aviation, Vol. 83, No. 1

, Pg 68

July 1998

JOURNAL CODE: BCA

SECTION HEADING: Operations ISSN: 0191-4642  
WORD COUNT: 2,479

TEXT:

... software that their systems rely upon can handle the rollover without a glitch. Most GPS **receivers** will be unaffected, say the vendors, but some older units still in the field may... Won't Come to a Screeching Halt  
Media coverage of the impact of the Y2K **rollover** on air traffic **control** could lead one to believe that come midnight, December 31, 1999, the entire ATC system...

9/3,K/24 (Item 1 from file: 634) [Links](#)  
San Jose Mercury  
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05079419

**WITH RICE AT THE CONTROLS, IRISH ROLL OVER PURDUE 40-7**

SAN JOSE MERCURY NEWS ( SJ ) - Sunday, October 1, 1989  
By: JACK SAYLOR, Knight-Ridder News Service  
Edition: Morning Final Section: Sports Page: 14D  
Word Count: 531

**WITH RICE AT THE CONTROLS, IRISH ROLL OVER PURDUE 40-7**

...they gave us,' ' Rice said modestly. ''But a game like this gives me and my **receivers** confidence.''

Notre Dame totaled 530 yards, passing for 289. ''My high school coach would be...

9/3,K/25 (Item 1 from file: 636) [Links](#)  
Gale Group Newsletter DB(TM)  
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04408462 Supplier Number: 55493551 (USE FORMAT 7 FOR FULLTEXT)

**UK GOVERNMENT: HSE issues reminder about GPS ro rollover.**  
M2 Presswire , p NA  
August 18 , 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire ; Trade  
Word Count: 534

...concerned that rollover of some Global Positioning Systems (GPS) could cause problems for some GPS **receivers** from 19 August..  
The original GPS design allocated a 10-digit binary counter to record  
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